

Rowmark LRV Contrast Ratio Charts



	Color	Black %	Black Range	Dark Brown %	Dark Brown Range	Marine Blue %	Marine Blue Range	Air Force Blue %	Air Force Blue Range	Burgundy %
Color	LRV	5	5	6	6	7	7	7	7	7
Bright White	90	95%	85	93%	84	93%	83	93%	83	92%
White	88	95%	84	94%	83	93%	82	92%	81	92%
Ash	74	94%	69	92%	68	91%	67	91%	67	91%
Sandalwood	70	94%	66	92%	65	91%	64	90%	64	90%
Sand	70	93%	65	92%	64	91%	63	47%	63	90%
Antique Ivory	68	93%	63	92%	62	90%	61	90%	61	90%
Light Grey	67	93%	62	92%	61	90%	60	90%	60	90%
Yellow	60	92%	55	91%	54	89%	53	89%	53	89%
Pearl Grey	53	91%	49	90%	48	88%	47	87%	47	87%
Grey	29	84%	25	81%	24	77%	23	77%	23	77%
Turquoise	23	80%	18	76%	17	71%	16	71%	16	70%
Bright Green	23	80%	18	75%	17	71%	16	71%	16	70%
Driftwood	20	78%	16	73%	15	68%	14	67%	14	67%
Taupe	18	74%	13	68%	12	63%	11	62%	11	62%
Dark/Light Combination										
China Blue	15	-224%	10	-165%	9	-125%	8	-121%	8	-119%
Bahama Blue	15	-218%	10	-160%	9	-121%	8	-117%	8	-115%
Canyon	13	-191%	9	-138%	8	-102%	8	-99%	7	-97%
Black Forest Green	13	-175%	8	-125%	7	-91%	6	-88%	6	-86%
Red	12	-166%	8	-118%	7	-85%	6	-82%	5	-80%
Cinder	11	-146%	7	-101%	6	-71%	5	-68%	5	-66%
Pine Green	11	-138%	6	-94%	5	-65%	4	-62%	4	-60%
Blue	10	-125%	6	-84%	5	-56%	4	-54%	4	-52%
Charcoal Grey	9	-107%	5	-69%	4	-44%	3	-41%	3	-40%
Burgundy	7	-48%	2	-21%	1	-3%	0	-1%	0	0%
Air Force Blue	7	-47%	2	-20%	1	-2%	0	0%	0	1%
Marine Blue	7	-44%	2	-18%	1	0%	0	2%	0	3%
Dark Brown	6	-22%	1	0%	0	15%	(1)	17%	-1	18%
Black	5	0%	0	18%	(1)	31%	(2)	32%	-2	33%

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	Color	Burgundy Range	Charcoal Grey %	Charcoal Grey Range	Blue %	Blue Range	Pine Green %	Pine Green Range	Cinder %	Cinder Range	Red %
Color	LRV	7	9	9	10	10	11	11	11	11	12
Bright White	90	83	89%	80	88%	79	88%	79	87%	78	86%
White	88	81	89%	79	88%	78	88%	77	87%	77	86%
Ash	74	67	87%	64	86%	64	85%	63	85%	63	84%
Sandalwood	70	64	87%	61	85%	59	85%	60	84%	59	83%
Sand	70	63	86%	60	85%	59	84%	59	84%	58	82%
Antique Ivory	68	61	86%	58	85%	57	84%	57	83%	56	82%
Light Grey	67	60	86%	58	85%	57	84%	56	83%	56	82%
Yellow	60	53	84%	51	83%	50	82%	49	81%	49	80%
Pearl Grey	53	47	82%	44	81%	43	80%	42	79%	42	77%
Grey	29	22	68%	20	65%	19	63%	18	61%	18	58%
Turquoise	23	16	59%	13	55%	13	53%	12	51%	12	47%
Bright Green	23	16	58%	13	55%	12	52%	12	50%	12	46%
Driftwood	20	14	54%	11	50%	10	47%	10	45%	9	40%
Taupe	18	11	47%	8	42%	7	39%	7	36%	6	31%
Dark/Light Combination											
China Blue	15	8	-57%	5	-44%	5	-36%	4	-32%	4	-22%
Bahama Blue	15	8	-54%	5	-41%	4	-34%	4	-29%	3	-20%
Canyon	13	7	-41%	4	-29%	3	-23%	2	-18%	2	-10%
Black Forest Green	13	6	-33%	3	-22%	2	-16%	2	-12%	1	-3%
Red	12	5	-29%	3	-18%	2	-12%	1	-8%	1	0%
Cinder	11	4	-19%	2	-9%	1	-4%	0	0%	0	7%
Pine Green	11	4	-15%	1	-6%	1	0%	0	4%	(0)	11%
Blue	10	4	-9%	1	0%	0	5%	(1)	9%	(1)	15%
Charcoal Grey	9	3	0%	0	8%	(1)	13%	(1)	16%	(2)	22%
Burgundy	7	0	28%	(3)	34%	(4)	38%	(4)	40%	(4)	44%
Air Force Blue	7	(0)	29%	(3)	35%	(4)	38%	(4)	41%	(5)	45%
Marine Blue	7	(0)	30%	(3)	36%	(4)	39%	(4)	41%	(5)	46%
Dark Brown	6	(1)	41%	(4)	46%	(5)	49%	(5)	50%	(6)	54%
Black	5	(2)	52%	(5)	56%	(6)	58%	(6)	59%	(7)	62%

Rowmark LRV Contrast Ratio Charts



	Color	Red Range	Black Forest Green %	Black Forest Green Range	Canyon %	Canyon Range	Bahama Blue %	Bahama Blue Range	China Blue %
Color	LRV	12	13	13	13	13	15	15	15
Bright White	90	77	86%	77	85%	76	84%	75	83%
White	88	76	86%	76	85%	75	83%	74	83%
Ash	74	62	83%	61	82%	61	80%	59	80%
Sandalwood	70	58	82%	58	81%	57	79%	56	79%
Sand	70	57	82%	57	81%	56	79%	55	79%
Antique Ivory	68	55	81%	55	80%	54	78%	53	78%
Light Grey	67	55	81%	54	80%	54	78%	52	78%
Yellow	60	48	79%	47	78%	47	76%	45	75%
Pearl Grey	53	41	76%	41	75%	40	73%	39	72%
Grey	29	17	57%	17	54%	16	50%	15	49%
Turquoise	23	11	45%	10	42%	10	36%	8	35%
Bright Green	23	11	45%	10	41%	9	36%	8	35%
Driftwood	20	8	38%	8	35%	7	29%	6	27%
Taupe	18	6	29%	5	25%	4	18%	3	16%
Dark/Light Combination									
China Blue	15	3	-18%	2	-11%	1	-2%	0	0%
Bahama Blue	15	2	-16%	2	-9%	1	0%	0	2%
Canyon	13	1	-6%	1	0%	0	8%	(1)	10%
Black Forest Green	13	0	0%	0	6%	(1)	14%	(2)	15%
Red	12	0	3%	(0)	9%	(1)	16%	(2)	18%
Cinder	11	(1)	10%	(1)	16%	(2)	23%	(3)	24%
Pine Green	11	(1)	14%	(2)	19%	(2)	25%	(4)	27%
Blue	10	(2)	18%	(2)	23%	(3)	29%	(4)	31%
Charcoal Grey	9	(3)	25%	(3)	29%	(4)	35%	(5)	36%
Burgundy	7	(5)	46%	(6)	49%	(7)	53%	(8)	54%
Air Force Blue	7	(5)	47%	(6)	50%	(7)	54%	(8)	55%
Marine Blue	7	(6)	48%	(6)	51%	(7)	55%	(8)	56%
Dark Brown	6	(7)	56%	(7)	58%	(8)	62%	(9)	62%
Black	5	(8)	64%	(8)	66%	(9)	69%	(10)	69%

Rowmark LRV Contrast Ratio Charts



	Color	China Blue Range		Taupe %	Taupe Range	Driftwood %	Driftwood Range	Bright Green %	Bright Green Range	Turquoise %	Turquoise Range
Color	LRV	15		18	18	20	20	23	23	23	23
Bright White	90	75		80%	72	77%	69	75%	67	74%	67
White	88	73		80%	70	77%	68	74%	65	74%	65
Ash	74	59		76%	56	72%	53	69%	51	69%	51
Sandalwood	70	56		75%	53	71%	50	68%	47	67%	47
Sand	70	55		74%	52	71%	49	67%	47	67%	47
Antique Ivory	68	53		74%	50	70%	47	66%	45	66%	45
Light Grey	67	52		74%	49	69%	47	66%	44	66%	44
Yellow	60	45		70%	42	66%	40	62%	37	62%	37
Pearl Grey	53	39		67%	36	62%	33	57%	30	57%	30
Grey	29	14		39%	12	30%	9	22%	6	22%	6
Turquoise	23	8		23%	5	11%	2	1%	(0)	0%	(0)
Bright Green	23	8		22%	5	10%	2	0%	(0)	-1%	(0)
Driftwood	20	6		13%	3	0%	0	-11%	(3)	-12%	(3)
Taupe	18	3		0%	0	-15%	(3)	-28%	(5)	-29%	(5)
Dark/Light Combination											
China Blue	15	0		16%	(3)	27%		35%		35%	
Bahama Blue	15	(0)		18%	(3)	29%		36%		36%	
Canyon	13	(1)		25%	(4)	35%		41%		42%	
Black Forest Green	13	(2)		29%	(5)	38%		45%		45%	
Red	12	(3)		31%	(6)	40%		46%		47%	
Cinder	11	(4)		36%	(6)	45%		50%		51%	
Pine Green	11	(4)		39%	(7)	47%		52%		53%	
Blue	10	(5)		42%	(7)	50%		55%		55%	
Charcoal Grey	9	(5)		47%	(8)	54%		58%		59%	
Burgundy	7	(8)		62%	(11)	67%		70%		70%	
Air Force Blue	7	(8)		62%	(11)	67%		71%		71%	
Marine Blue	7	(8)		63%	(11)	68%		71%		71%	
Dark Brown	6	(9)		68%	(12)	73%		75%		76%	
Black	5	(10)		74%	(13)	78%		80%		80%	

Rowmark LRV Contrast Ratio Charts



	Color	Grey %	Grey Range	Pearl Grey %	Pearl Grey Range	Yellow %	Yellow Range	Light Grey %	Light Grey Range	Antique Ivory %	Antique Ivory Range
Color	LRV	29	29	53	53	60	60	67	67	68	68
Bright White	90	67%	61	40%	37	33%	30	24%	23	24%	22
White	88	67%	59	40%	35	32%	28	24%	21	23%	20
Ash	74	60%	45	28%	21	19%	14	9%	7	8%	6
Sandalwood	70	59%	41	24%	17	15%	10	5%	3	4%	2
Sand	70	58%	41	23%	17	14%	10	4%	3	3%	2
Antique Ivory	68	57%	39	21%	15	11%	8	1%	1	0%	(0)
Light Grey	67	56%	38	20%	14	10%	7	0%	0	-1%	(1)
Yellow	60	51%	31	11%	7	0%	0	-12%	(7)	-13%	(8)
Pearl Grey	53	45%	24	0%	0	-13%	(7)	-26%	(14)	-27%	(15)
Grey	29	0%	0	-82%	(24)	-105%	(31)	-129%	(38)	-131%	(39)
Turquoise	23	-27%	(6)	-132%	(30)	-162%	(37)	-192%	(44)	-195%	(45)
Bright Green	23	-28%	(6)	-134%	(30)	-163%	(37)	-194%	(44)	-197%	(45)
Driftwood	20	-43%	(9)	-161%	(33)	-193%	(40)	-228%	(47)	-231%	(48)
Taupe	18	-65%	(11)	-201%	(35)	-238%	(42)	-278%	(49)	-281%	(50)
Dark/Light Combination											
China Blue	15	49%		72%		75%		78%		78%	
Bahama Blue	15	50%		73%		76%		78%		78%	
Canyon	13	54%		75%		78%		80%		80%	
Black Forest Green	13	57%		76%		79%		81%		81%	
Red	12	58%		77%		80%		82%		82%	
Cinder	11	61%		79%		81%		83%		83%	
Pine Green	11	63%		80%		82%		84%		84%	
Blue	10	65%		81%		83%		85%		85%	
Charcoal Grey	9	68%		82%		84%		86%		86%	
Burgundy	7	77%		87%		89%		90%		90%	
Air Force Blue	7	77%		87%		89%		90%		90%	
Marine Blue	7	77%		88%		89%		90%		90%	
Dark Brown	6	81%		90%		91%		92%		92%	
Black	5	84%		91%		92%		93%		93%	

Rowmark LRV Contrast Ratio Charts



	Color	Sand %	Sand Range	Sandalwood %	Sandalwood Range	Ash %	Ash Range	White %	White Range	Bright White %	Bright White Range
Color	LRV	70	70	70	70	74	74	88	88	90	90
Bright White	90	22%	20	21%	20	18%	16	2%	2	0%	(0)
White	88	21%	18	20%	18	16%	14	0%	0	-2%	(2)
Ash	74	6%	4	5%	4	0%	(0)	-19%	(14)	-21%	(16)
Sandalwood	70	1%	0	0%	0	-5%	(4)	-25%	(18)	-27%	(20)
Sand	70	0%	(0)	-1%	(0)	-6%	(4)	-27%	(18)	-29%	(20)
Antique Ivory	68	-3%	(2)	-4%	(2)	-9%	(6)	-30%	(20)	-32%	(22)
Light Grey	67	-4%	(3)	-5%	(3)	-10%	(7)	-32%	(21)	-34%	(23)
Yellow	60	-16%	(10)	-17%	(10)	-23%	(14)	-47%	(28)	-49%	(30)
Pearl Grey	53	-30%	(17)	-32%	(17)	-39%	(21)	-65%	(35)	-68%	(37)
Grey	29	-138%	(41)	-141%	(41)	-153%	(45)	-202%	(59)	-206%	(61)
Turquoise	23	-203%	(47)	-207%	(47)	-222%	(51)	-284%	(65)	-290%	(67)
Bright Green	23	-205%	(47)	-209%	(47)	-224%	(51)	-287%	(65)	-293%	(67)
Driftwood	20	-240%	(50)	-244%	(50)	-261%	(54)	-331%	(68)	-338%	(70)
Taupe	18	-292%	(52)	-297%	(52)	-316%	(56)	-397%	(70)	-405%	(72)
Dark/Light Combination											
China Blue	15	79%		79%		80%		83%		83%	
Bahama Blue	15	79%		79%		80%		83%		84%	
Canyon	13	81%		81%		82%		85%		85%	
Black Forest Green	13	82%		82%		83%		86%		86%	
Red	12	82%		83%		84%		86%		86%	
Cinder	11	84%		84%		85%		87%		87%	
Pine Green	11	84%		85%		85%		88%		88%	
Blue	10	85%		85%		86%		88%		88%	
Charcoal Grey	9	86%		87%		87%		89%		89%	
Burgundy	7	90%		90%		91%		92%		92%	
Air Force Blue	7	90%		90%		91%		92%		93%	
Marine Blue	7	91%		91%		91%		93%		93%	
Dark Brown	6	92%		92%		92%		94%		94%	
Black	5	93%		94%		94%		95%		95%	