

IEEE Quick Reference Guide to Color and Tint Formulas

Use these tint formulas from the approved IEEE color palette to achieve brand-aligned results on your business documents and marketing communications. See example below for how to add these color tints to your Microsoft Word, Excel, or PowerPoint color themes:



1. Go to your color palette
 2. Click on "More Colors"
 3. Choose "RGB or CMYK Sliders" from the drop down menu
 4. Type in the tint formulas
 5. Click OK
- Your most recent colors will be saved in the "Standard Colors" area of your color palette.

IEEE BLUE & BRIGHT TINT COLOR PALETTE

	Pantone (Spot)	Process (Print) CMYK				(Digital/Screen) RGB			Web
		C	M	Y	K	R	G	B	
PMS 3015 C	100%	100	32	3	25	0	98	155	00629B
	80%	88	43	14	0	0	125	175	007DAF
	60%	64	27	11	0	91	156	195	5B9CC3
	40%	41	15	8	0	149	188	214	95BCD6
	20%	19	7	3	0	202	220	234	CADCEA
PMS 200 C	100%	0	100	76	13	186	12	47	BA0C2F
	80%	12	83	65	1	213	81	84	D45154
	60%	7	62	43	0	228	127	123	E47F7B
	40%	2	40	26	0	241	170	165	F1AAA5
	20%	1	19	11	0	249	212	208	F9D4D0
PMS 137 C	100%	0	36	100	0	255	164	0	FFA400
	80%	0	32	81	0	255	182	73	FFB649
	60%	0	23	60	0	255	200	120	FFC878
	40%	0	15	38	0	255	218	165	FFDAA5
	20%	0	7	18	0	255	236	209	FFECD1
PMS 109 C	100%	0	5	100	0	255	209	0	FFD100
	80%	1	12	89	0	255	217	52	FFD934
	60%	0	8	67	0	255	226	112	FFE270
	40%	1	5	45	0	255	235	161	FFEBA1
	20%	0	2	21	0	255	244	208	FFF4D0
PMS 368 C	100%	54	0	100	0	120	190	33	78BE21
	80%	47	0	87	0	148	201	86	94C956
	60%	34	0	65	0	176	215	129	B0D781
	40%	22	0	42	0	203	228	170	CBE4AA
	20%	10	0	20	0	229	241	212	E5F1D4
PMS 348 C	100%	93	0	98	17	0	132	61	00843D
	80%	80	14	80	2	41	156	98	299C62
	60%	62	7	61	0	105	181	135	69B587
	40%	40	3	39	0	156	205	173	9CCDAD
	20%	19	1	19	0	205	230	213	CDE6D5
PMS 254 C	100%	46	98	0	0	152	30	151	981E97
	80%	32	80	0	0	179	84	171	B354AB
	60%	21	59	0	0	200	127	191	C87FBF
	40%	12	38	0	0	219	169	212	DBA9D4
	20%	5	18	0	0	237	211	233	EDD3E9
PMS 320 C	100%	100	0	36	1	0	156	166	009CA6
	80%	76	8	28	0	0	174	185	00AEB9
	60%	67	0	24	0	45	195	202	2DC3CA
	40%	44	0	16	0	135	215	219	87D7DB
	20%	21	0	8	0	197	235	236	C5EBEC
PMS CYAN	100%	100	0	0	0	0	163	224	00A3E0
	80%	80	0	0	0	0	185	242	00B9F2
	60%	60	0	0	0	68	200	245	44C8F5
	40%	40	0	0	0	142	216	248	8ED8F8
	20%	20	0	0	0	199	234	251	C7EAFB
WHITE		0	0	0	0	255	255	255	FFFFFF

DARK TINT COLOR PALETTE

	Pantone (Spot)	Process (Print) CMYK				(Digital/Screen) RGB			Web
		C	M	Y	K	R	G	B	
PMS 208 C	100%	0	100	29	44	134	32	65	862041
	80%	31	79	48	10	165	79	98	A54F62
	60%	25	60	35	1	190	122	134	BE7A86
	40%	15	38	21	0	213	165	713	D5A5AD
	20%	6	18	9	0	234	209	213	EAD1D5
PMS 158 C	100%	0	62	97	0	232	119	34	E87722
	80%	0	51	75	0	246	146	81	F69251
	60%	0	38	54	0	253	173	123	FDAD7B
	40%	0	25	33	0	255	200	166	FFC8A6
	20%	0	12	15	0	255	227	209	FFE3D1
PMS 123 C	100%	0	16	89	0	255	199	44	FFC72C
	80%	0	18	74	0	255	209	94	FFD15E
	60%	0	13	55	0	255	220	136	FFDC88
	40%	0	8	36	0	255	231	175	FFE7AF
	20%	0	4	16	0	255	242	215	FFF2D7
PMS 370 C	100%	49	0	100	30	101	141	27	658D1B
	80%	54	20	90	3	131	162	77	83A24D
	60%	40	15	66	0	162	184	120	A2B878
	40%	26	8	42	0	192	207	163	C0CFA3
	20%	12	3	20	0	223	230	208	D9E6D0
PMS 3425 C	100%	96	2	80	47	0	99	65	006341
	80%	81	29	70	12	47	128	99	2F8063
	60%	63	21	54	2	102	159	135	669F87
	40%	42	12	35	0	152	190	173	98BEAD
	20%	20	4	16	0	203	222	213	CBDED5
PMS 2612 C	100%	61	100	0	1	119	37	131	772583
	80%	46	80	5	0	150	83	154	96539A
	60%	31	58	2	0	177	125	179	B17DB3
	40%	18	36	1	0	203	167	204	CBA7CC
	20%	8	18	0	0	229	210	229	E5D2E5
PMS 322 C	100%	100	0	39	33	0	115	119	007377
	80%	84	27	42	3	0	140	146	008C92
	60%	68	16	33	0	80	168	172	50A8AC
	40%	44	7	22	0	142	197	198	8EC5C6
	20%	21	3	10	0	199	225	226	C7E1E2
PMS 295 C	100%	100	63	0	67	0	40	85	002855
	80%	91	72	31	14	45	77	118	2D4D76
	60%	67	51	25	3	98	117	150	627596
	40%	44	31	17	0	148	161	184	94A1B8
	20%	20	14	8	0	200	206	218	C8CEDA
PMS Cool Gray 9 C	100%	50	40	34	17	117	120	123	75787B
	80%	47	38	36	2	143	144	147	8F9093
	60%	35	27	27	0	170	171	173	AAABAD
	40%	22	17	17	0	197	198	199	C5C6C7
	20%	10	8	8	0	225	225	226	E1E1E2
PMS Black	100%	0	0	0	100	0	0	0	000000
	80%	0	0	0	80	88	89	91	58595B
	60%	0	0	0	60	128	130	133	808285
	40%	0	0	0	40	167	169	172	A7A9AC
	20%	0	0	0	20	209	211	212	D1D3D4