Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.

	Hex(DB793B)	Hex(FA9354)	Hex(FFAE6D)	Hex(FFCA88)	Hex(FFE6A2)	Hex(FFFFBE)	Hex(FFFFDA)	Hex(FFFFF7)	Hex(FFFFFF)
Hex(DB793B)		Ratio: 1.38 Failed [5]	Ratio: 1.69 Failed [5]	Ratio: 2.06 Failed [5]	Ratio: 2.51 Failed [5]	Ratio: 2.98 Failed [5]	Ratio: 3.02 AA 18pt [2]	Ratio: 3.07 AA 18pt [2]	Ratio: 3.08 AA 18pt [2]
Hex(FA9354)	Ratio: 1.38 Failed [5]		Ratio: 1.23 Failed [5]	Ratio: 1.50 Failed [5]	Ratio: 1.82 Failed [5]	Ratio: 2.17 Failed [5]	Ratio: 2.20 Failed [5]	Ratio: 2.23 Failed [5]	Ratio: 2.24 Failed [5]
Hex(FFAE6D)	Ratio: 1.69 Failed [5]	Ratio: 1.23 Failed [5]		Ratio: 1.22 Failed [5]	Ratio: 1.48 Failed [5]	Ratio: 1.76 Failed [5]	Ratio: 1.78 Failed [5]	Ratio: 1.81 Failed [5]	Ratio: 1.82 Failed [5]
Hex(FFCA88)	Ratio: 2.06 Failed [5]	Ratio: 1.50 Failed [5]	Ratio: 1.22 Failed [5]		Ratio: 1.22 Failed [5]	Ratio: 1.44 Failed [5]	Ratio: 1.46 Failed [5]	Ratio: 1.49 Failed [5]	Ratio: 1.49 Failed [5]
Hex(FFE6A2)	Ratio: 2.51 Failed [5]	Ratio: 1.82 Failed [5]	Ratio: 1.48 Failed [5]	Ratio: 1.22 Failed [5]		Ratio: 1.19 Failed [5]	Ratio: 1.20 Failed [5]	Ratio: 1.22 Failed [5]	Ratio: 1.23 Failed [5]
Hex(FFFFBE)	Ratio: 2.98 Failed [5]	Ratio: 2.17 Failed [5]	Ratio: 1.76 Failed [5]	Ratio: 1.44 Failed [5]	Ratio: 1.19 Failed [5]		Ratio: 1.01 Failed [5]	Ratio: 1.03 Failed [5]	Ratio: 1.03 Failed [5]
Hex(FFFFDA)	Ratio: 3.02 AA 18pt [2]	Ratio: 2.20 Failed [5]	Ratio: 1.78 Failed [5]	Ratio: 1.46 Failed [5]	Ratio: 1.20 Failed [5]	Ratio: 1.01 Failed [5]		Ratio: 1.02 Failed [5]	Ratio: 1.02 Failed [5]
Hex(FFFFF7)	Ratio: 3.07 AA 18pt [2]	Ratio: 2.23 Failed [5]	Ratio: 1.81 Failed [5]	Ratio: 1.49 Failed [5]	Ratio: 1.22 Failed [5]	Ratio: 1.03 Failed [5]	Ratio: 1.02 Failed [5]		Ratio: 1.00 Failed [5]
Hex(FFFFFF)	Ratio: 3.08 AA 18pt [2]	Ratio: 2.24 Failed [5]	Ratio: 1.82 Failed [5]	Ratio: 1.49 Failed [5]	Ratio: 1.23 Failed [5]	Ratio: 1.03 Failed [5]	Ratio: 1.02 Failed [5]	Ratio: 1.00 Failed [5]	

Details can be found at https://www.w3.org/TR/WCAG20/.

[1] AA
AA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for any text size.

[2] AA 18pt
AA level for large text above 18pt.

[3] AAA
AAA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for any text size.

[4] AAA 18pt
AAA level for large text above 18pt.

[5] Failed
Fails to comply with the Web Content Accessibility Guidelines (WCAG) 2.0.

[6] Passed
Passes the AAA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for all text sizes.

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