

Converting Colors - WCAG Matrix

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

	Hex(1F3800)	Hex(FFFE5)	Hex(4E672F)	Hex(678047)	Hex(819B5F)	Hex(9BB578)	Hex(B7D192)	Hex(D2EDAD)	Hex(EFFFC9)
Hex(1F3800)		Ratio: 12.74 Passed ⁶	Ratio: 2.04 Failed ⁵	Ratio: 2.93 Failed ⁵	Ratio: 4.18 AA 18pt ²	Ratio: 5.71 AA ¹ AAA 18pt ⁴	Ratio: 7.73 Passed ⁶	Ratio: 10.13 Passed ⁶	Ratio: 12.20 Passed ⁶
Hex(FFFE5)	Ratio: 12.74 Passed ⁶		Ratio: 6.26 AA ¹ AAA 18pt ⁴	Ratio: 4.35 AA 18pt ²	Ratio: 3.05 AA 18pt ²	Ratio: 2.23 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.04 Failed ⁵
Hex(4E672F)	Ratio: 2.04 Failed ⁵	Ratio: 6.26 AA ¹ AAA 18pt ⁴		Ratio: 1.44 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 2.81 Failed ⁵	Ratio: 3.80 AA 18pt ²	Ratio: 4.98 AA ¹ AAA 18pt ⁴	Ratio: 6.00 AA ¹ AAA 18pt ⁴
Hex(678047)	Ratio: 2.93 Failed ⁵	Ratio: 4.35 AA 18pt ²	Ratio: 1.44 Failed ⁵		Ratio: 1.43 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 2.64 Failed ⁵	Ratio: 3.46 AA 18pt ²	Ratio: 4.17 AA 18pt ²
Hex(819B5F)	Ratio: 4.18 AA 18pt ²	Ratio: 3.05 AA 18pt ²	Ratio: 2.05 Failed ⁵	Ratio: 1.43 Failed ⁵		Ratio: 1.37 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 2.42 Failed ⁵	Ratio: 2.92 Failed ⁵
Hex(9BB578)	Ratio: 5.71 AA ¹ AAA 18pt ⁴	Ratio: 2.23 Failed ⁵	Ratio: 2.81 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 1.37 Failed ⁵		Ratio: 1.35 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 2.14 Failed ⁵
Hex(B7D192)	Ratio: 7.73 Passed ⁶	Ratio: 1.65 Failed ⁵	Ratio: 3.80 AA 18pt ²	Ratio: 2.64 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.35 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 1.58 Failed ⁵
Hex(D2EDAD)	Ratio: 10.13 Passed ⁶	Ratio: 1.26 Failed ⁵	Ratio: 4.98 AA ¹ AAA 18pt ⁴	Ratio: 3.46 AA 18pt ²	Ratio: 2.42 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 1.20 Failed ⁵
Hex(EFFFC9)	Ratio: 12.20 Passed ⁶	Ratio: 1.04 Failed ⁵	Ratio: 6.00 AA ¹ AAA 18pt ⁴	Ratio: 4.17 AA 18pt ²	Ratio: 2.92 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.20 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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