

Converting Colors - WCAG Matrix

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

	Hex(847C1E)	Hex(FFFFFF)	Hex(BCB052)	Hex(D9CC6C)	Hex(F6E886)	Hex(FFFA1)	Hex(FFFBD)	Hex(FFFD9)	Hex(FFFF6)
Hex(847C1E)		Ratio: 4.30 AA 18pt ²	Ratio: 1.94 Failed ⁵	Ratio: 2.62 Failed ⁵	Ratio: 3.44 AA 18pt ²	Ratio: 4.11 AA 18pt ²	Ratio: 4.16 AA 18pt ²	Ratio: 4.21 AA 18pt ²	Ratio: 4.28 AA 18pt ²
Hex(FFFFFF)	Ratio: 4.30 AA 18pt ²		Ratio: 2.22 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.01 Failed ⁵
Hex(BCB052)	Ratio: 1.94 Failed ⁵	Ratio: 2.22 Failed ⁵		Ratio: 1.35 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 2.12 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 2.17 Failed ⁵	Ratio: 2.21 Failed ⁵
Hex(D9CC6C)	Ratio: 2.62 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.35 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.63 Failed ⁵
Hex(F6E886)	Ratio: 3.44 AA 18pt ²	Ratio: 1.25 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.24 Failed ⁵
Hex(FFFA1)	Ratio: 4.11 AA 18pt ²	Ratio: 1.05 Failed ⁵	Ratio: 2.12 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.04 Failed ⁵
Hex(FFFBD)	Ratio: 4.16 AA 18pt ²	Ratio: 1.03 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.01 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 1.03 Failed ⁵
Hex(FFFD9)	Ratio: 4.21 AA 18pt ²	Ratio: 1.02 Failed ⁵	Ratio: 2.17 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.01 Failed ⁵		Ratio: 1.02 Failed ⁵
Hex(FFFF6)	Ratio: 4.28 AA 18pt ²	Ratio: 1.01 Failed ⁵	Ratio: 2.21 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.02 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.