

Converting Colors - WCAG Matrix

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

Hex(DD8600) Hex(FFE1B3) Hex(DD0058) Hex(806D52) Hex(000000) Hex(808080)

	Hex(DD8600)	Hex(FFE1B3)	Hex(DD0058)	Hex(806D52)	Hex(000000)	Hex(808080)
Hex(DD8600)		Ratio: 2.23 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 7.48 Passed ⁶	Ratio: 1.41 Failed ⁵
Hex(FFE1B3)	Ratio: 2.23 Failed ⁵		Ratio: 3.96 AA 18pt ²	Ratio: 3.94 AA 18pt ²	Ratio: 16.67 Passed ⁶	Ratio: 3.14 AA 18pt ²
Hex(DD0058)	Ratio: 1.78 Failed ⁵	Ratio: 3.96 AA 18pt ²		Ratio: 1.00 Failed ⁵	Ratio: 4.22 AA 18pt ²	Ratio: 1.26 Failed ⁵
Hex(806D52)	Ratio: 1.77 Failed ⁵	Ratio: 3.94 AA 18pt ²	Ratio: 1.00 Failed ⁵		Ratio: 4.23 AA 18pt ²	Ratio: 1.26 Failed ⁵
Hex(000000)	Ratio: 7.48 Passed ⁶	Ratio: 16.67 Passed ⁶	Ratio: 4.22 AA 18pt ²	Ratio: 4.23 AA 18pt ²		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 1.41 Failed ⁵	Ratio: 3.14 AA 18pt ²	Ratio: 1.26 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 5.32 AA ¹ AAA 18pt ⁴	

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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