

Converting Colors - WCAG Matrix

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

Hex(DD815F) Hex(FFDFD4) Hex(DD5FBE) Hex(806D66) Hex(000000) Hex(808080)

	Hex(DD815F)	Hex(FFDFD4)	Hex(DD5FBE)	Hex(806D66)	Hex(000000)	Hex(808080)
Hex(DD815F)		Ratio: 2.27 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 7.38 Passed ⁶	Ratio: 1.39 Failed ⁵
Hex(FFDFD4)	Ratio: 2.27 Failed ⁵		Ratio: 2.60 Failed ⁵	Ratio: 3.90 AA 18pt ²	Ratio: 16.76 Passed ⁶	Ratio: 3.15 AA 18pt ²
Hex(DD5FBE)	Ratio: 1.14 Failed ⁵	Ratio: 2.60 Failed ⁵		Ratio: 1.50 Failed ⁵	Ratio: 6.45 AA ¹ AAA 18pt ⁴	Ratio: 1.21 Failed ⁵
Hex(806D66)	Ratio: 1.72 Failed ⁵	Ratio: 3.90 AA 18pt ²	Ratio: 1.50 Failed ⁵		Ratio: 4.30 AA 18pt ²	Ratio: 1.24 Failed ⁵
Hex(000000)	Ratio: 7.38 Passed ⁶	Ratio: 16.76 Passed ⁶	Ratio: 6.45 AA ¹ AAA 18pt ⁴	Ratio: 4.30 AA 18pt ²		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 1.39 Failed ⁵	Ratio: 3.15 AA 18pt ²	Ratio: 1.21 Failed ⁵	Ratio: 1.24 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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