

Converting Colors - WCAG Matrix

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

Hex(FFE1DF) Hex(FFF5F5) Hex(FFDFFD) Hex(807A79) Hex(000000) Hex(808080)

	Hex(FFE1DF)	Hex(FFF5F5)	Hex(FFDFFD)	Hex(807A79)	Hex(000000)	Hex(808080)
Hex(FFE1DF)		Ratio: 1.15 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 3.43 AA 18pt ²	Ratio: 17.09 Passed ⁶	Ratio: 3.21 AA 18pt ²
Hex(FFF5F5)	Ratio: 1.15 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 3.94 AA 18pt ²	Ratio: 19.63 Passed ⁶	Ratio: 3.69 AA 18pt ²
Hex(FFDFFD)	Ratio: 1.01 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 3.46 AA 18pt ²	Ratio: 17.23 Passed ⁶	Ratio: 3.24 AA 18pt ²
Hex(807A79)	Ratio: 3.43 AA 18pt ²	Ratio: 3.94 AA 18pt ²	Ratio: 3.46 AA 18pt ²		Ratio: 4.98 AA ¹ AAA 18pt ⁴	Ratio: 1.07 Failed ⁵
Hex(000000)	Ratio: 17.09 Passed ⁶	Ratio: 19.63 Passed ⁶	Ratio: 17.23 Passed ⁶	Ratio: 4.98 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 3.21 AA 18pt ²	Ratio: 3.69 AA 18pt ²	Ratio: 3.24 AA 18pt ²	Ratio: 1.07 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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