

Converting Colors - WCAG Matrix

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

Hex(D5C2C4) Hex(FFF7F8) Hex(D3C2D5) Hex(807A7B) Hex(000000) Hex(808080)

	Hex(D5C2C4)	Hex(FFF7F8)	Hex(D3C2D5)	Hex(807A7B)	Hex(000000)	Hex(808080)
Hex(D5C2C4)		Ratio: 1.61 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 2.47 Failed ⁵	Ratio: 12.34 Passed ⁶	Ratio: 2.32 Failed ⁵
Hex(FFF7F8)	Ratio: 1.61 Failed ⁵		Ratio: 1.60 Failed ⁵	Ratio: 3.99 AA 18pt ²	Ratio: 19.91 Passed ⁶	Ratio: 3.74 AA 18pt ²
Hex(D3C2D5)	Ratio: 1.01 Failed ⁵	Ratio: 1.60 Failed ⁵		Ratio: 2.50 Failed ⁵	Ratio: 12.45 Passed ⁶	Ratio: 2.34 Failed ⁵
Hex(807A7B)	Ratio: 2.47 Failed ⁵	Ratio: 3.99 AA 18pt ²	Ratio: 2.50 Failed ⁵		Ratio: 4.99 AA ¹ AAA 18pt ⁴	Ratio: 1.07 Failed ⁵
Hex(000000)	Ratio: 12.34 Passed ⁶	Ratio: 19.91 Passed ⁶	Ratio: 12.45 Passed ⁶	Ratio: 4.99 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 2.32 Failed ⁵	Ratio: 3.74 AA 18pt ²	Ratio: 2.34 Failed ⁵	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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