

Converting Colors - WCAG Matrix

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

Hex(D9CFBE) Hex(FFBF5) Hex(D9BEC8) Hex(807D79) Hex(000000) Hex(808080)

	Hex(D9CFBE)	Hex(FFBF5)	Hex(D9BEC8)	Hex(807D79)	Hex(000000)	Hex(808080)
Hex(D9CFBE)		Ratio: 1.50 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 2.66 Failed ⁵	Ratio: 13.62 Passed ⁶	Ratio: 2.56 Failed ⁵
Hex(FFBF5)	Ratio: 1.50 Failed ⁵		Ratio: 1.68 Failed ⁵	Ratio: 3.97 AA 18pt ²	Ratio: 20.37 Passed ⁶	Ratio: 3.83 AA 18pt ²
Hex(D9BEC8)	Ratio: 1.12 Failed ⁵	Ratio: 1.68 Failed ⁵		Ratio: 2.37 Failed ⁵	Ratio: 12.15 Passed ⁶	Ratio: 2.28 Failed ⁵
Hex(807D79)	Ratio: 2.66 Failed ⁵	Ratio: 3.97 AA 18pt ²	Ratio: 2.37 Failed ⁵		Ratio: 5.13 AA ¹ AAA 18pt ⁴	Ratio: 1.04 Failed ⁵
Hex(000000)	Ratio: 13.62 Passed ⁶	Ratio: 20.37 Passed ⁶	Ratio: 12.15 Passed ⁶	Ratio: 5.13 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 2.56 Failed ⁵	Ratio: 3.83 AA 18pt ²	Ratio: 2.28 Failed ⁵	Ratio: 1.04 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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