

Converting Colors - WCAG Matrix

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

Hex(DBA68A) Hex(FFEDE3) Hex(DB8ABF) Hex(807570) Hex(000000) Hex(808080)

	Hex(DBA68A)	Hex(FFEDE3)	Hex(DB8ABF)	Hex(807570)	Hex(000000)	Hex(808080)
Hex(DBA68A)		Ratio: 1.88 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 9.83 Passed ⁶	Ratio: 1.85 Failed ⁵
Hex(FFEDE3)	Ratio: 1.88 Failed ⁵		Ratio: 2.20 Failed ⁵	Ratio: 3.93 AA 18pt ²	Ratio: 18.47 Passed ⁶	Ratio: 3.47 AA 18pt ²
Hex(DB8ABF)	Ratio: 1.17 Failed ⁵	Ratio: 2.20 Failed ⁵		Ratio: 1.79 Failed ⁵	Ratio: 8.40 Passed ⁶	Ratio: 1.58 Failed ⁵
Hex(807570)	Ratio: 2.09 Failed ⁵	Ratio: 3.93 AA 18pt ²	Ratio: 1.79 Failed ⁵		Ratio: 4.70 AA ¹ AAA 18pt ⁴	Ratio: 1.13 Failed ⁵
Hex(000000)	Ratio: 9.83 Passed ⁶	Ratio: 18.47 Passed ⁶	Ratio: 8.40 Passed ⁶	Ratio: 4.70 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 1.85 Failed ⁵	Ratio: 3.47 AA 18pt ²	Ratio: 1.58 Failed ⁵	Ratio: 1.13 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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