

Converting Colors - WCAG Matrix

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

Hex(E3D3D8) Hex(FFFAFB) Hex(DED3E3) Hex(807D7E) Hex(000000) Hex(808080)

	Hex(E3D3D8)	Hex(FFFAFB)	Hex(DED3E3)	Hex(807D7E)	Hex(000000)	Hex(808080)
Hex(E3D3D8)		Ratio: 1.39 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 2.83 Failed ⁵	Ratio: 14.58 Passed ⁶	Ratio: 2.74 Failed ⁵
Hex(FFFAFB)	Ratio: 1.39 Failed ⁵		Ratio: 1.40 Failed ⁵	Ratio: 3.94 AA 18pt ²	Ratio: 20.32 Passed ⁶	Ratio: 3.82 AA 18pt ²
Hex(DED3E3)	Ratio: 1.00 Failed ⁵	Ratio: 1.40 Failed ⁵		Ratio: 2.82 Failed ⁵	Ratio: 14.53 Passed ⁶	Ratio: 2.73 Failed ⁵
Hex(807D7E)	Ratio: 2.83 Failed ⁵	Ratio: 3.94 AA 18pt ²	Ratio: 2.82 Failed ⁵		Ratio: 5.15 AA ¹ AAA 18pt ⁴	Ratio: 1.03 Failed ⁵
Hex(000000)	Ratio: 14.58 Passed ⁶	Ratio: 20.32 Passed ⁶	Ratio: 14.53 Passed ⁶	Ratio: 5.15 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 2.74 Failed ⁵	Ratio: 3.82 AA 18pt ²	Ratio: 2.73 Failed ⁵	Ratio: 1.03 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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