

Converting Colors - WCAG Matrix

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

Hex(E5B4BE) Hex(FFF0F3) Hex(DAB4E5) Hex(807778) Hex(000000) Hex(808080)

	Hex(E5B4BE)	Hex(FFF0F3)	Hex(DAB4E5)	Hex(807778)	Hex(000000)	Hex(808080)
Hex(E5B4BE)		Ratio: 1.64 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 2.40 Failed ⁵	Ratio: 11.60 Passed ⁶	Ratio: 2.18 Failed ⁵
Hex(FFF0F3)	Ratio: 1.64 Failed ⁵		Ratio: 1.63 Failed ⁵	Ratio: 3.94 AA 18pt ²	Ratio: 19.01 Passed ⁶	Ratio: 3.58 AA 18pt ²
Hex(DAB4E5)	Ratio: 1.00 Failed ⁵	Ratio: 1.63 Failed ⁵		Ratio: 2.41 Failed ⁵	Ratio: 11.64 Passed ⁶	Ratio: 2.19 Failed ⁵
Hex(807778)	Ratio: 2.40 Failed ⁵	Ratio: 3.94 AA 18pt ²	Ratio: 2.41 Failed ⁵		Ratio: 4.83 AA ¹ AAA 18pt ⁴	Ratio: 1.10 Failed ⁵
Hex(000000)	Ratio: 11.60 Passed ⁶	Ratio: 19.01 Passed ⁶	Ratio: 11.64 Passed ⁶	Ratio: 4.83 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 2.18 Failed ⁵	Ratio: 3.58 AA 18pt ²	Ratio: 2.19 Failed ⁵	Ratio: 1.10 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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