

Converting Colors - WCAG Matrix

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

Hex(FFD0E1) Hex(FFF0F5) Hex(EED0FF) Hex(80777A) Hex(000000) Hex(808080)

	Hex(FFD0E1)	Hex(FFF0F5)	Hex(EED0FF)	Hex(80777A)	Hex(000000)	Hex(808080)
Hex(FFD0E1)		Ratio: 1.24 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 3.18 AA 18pt ²	Ratio: 15.36 Passed ⁶	Ratio: 2.89 Failed ⁵
Hex(FFF0F5)	Ratio: 1.24 Failed ⁵		Ratio: 1.26 Failed ⁵	Ratio: 3.93 AA 18pt ²	Ratio: 19.03 Passed ⁶	Ratio: 3.58 AA 18pt ²
Hex(EED0FF)	Ratio: 1.02 Failed ⁵	Ratio: 1.26 Failed ⁵		Ratio: 3.12 AA 18pt ²	Ratio: 15.10 Passed ⁶	Ratio: 2.84 Failed ⁵
Hex(80777A)	Ratio: 3.18 AA 18pt ²	Ratio: 3.93 AA 18pt ²	Ratio: 3.12 AA 18pt ²		Ratio: 4.84 AA ¹ AAA 18pt ⁴	Ratio: 1.10 Failed ⁵
Hex(000000)	Ratio: 15.36 Passed ⁶	Ratio: 19.03 Passed ⁶	Ratio: 15.10 Passed ⁶	Ratio: 4.84 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 2.89 Failed ⁵	Ratio: 3.58 AA 18pt ²	Ratio: 2.84 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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