

Converting Colors - WCAG Matrix

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

Hex(ED0CD7) Hex(FFB8F8) Hex(220CED) Hex(80547B) Hex(000000) Hex(808080)

	Hex(ED0CD7)	Hex(FFB8F8)	Hex(220CED)	Hex(80547B)	Hex(000000)	Hex(808080)
Hex(ED0CD7)		Ratio: 2.39 Failed ⁵	Ratio: 2.40 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 5.63 AA ¹ AAA 18pt ⁴	Ratio: 1.06 Failed ⁵
Hex(FFB8F8)	Ratio: 2.39 Failed ⁵		Ratio: 5.75 AA ¹ AAA 18pt ⁴	Ratio: 3.88 AA 18pt ²	Ratio: 13.46 Passed ⁶	Ratio: 2.53 Failed ⁵
Hex(220CED)	Ratio: 2.40 Failed ⁵	Ratio: 5.75 AA ¹ AAA 18pt ⁴		Ratio: 1.48 Failed ⁵	Ratio: 2.34 Failed ⁵	Ratio: 2.27 Failed ⁵
Hex(80547B)	Ratio: 1.62 Failed ⁵	Ratio: 3.88 AA 18pt ²	Ratio: 1.48 Failed ⁵		Ratio: 3.47 AA 18pt ²	Ratio: 1.53 Failed ⁵
Hex(000000)	Ratio: 5.63 AA ¹ AAA 18pt ⁴	Ratio: 13.46 Passed ⁶	Ratio: 2.34 Failed ⁵	Ratio: 3.47 AA 18pt ²		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 1.06 Failed ⁵	Ratio: 2.53 Failed ⁵	Ratio: 2.27 Failed ⁵	Ratio: 1.53 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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