

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(D12E41) Hex(FFC4CB) Hex(BE2ED1) Hex(805C60) Hex(000000) Hex(808080)

Hex(D12E41)		Ratio: 3.35 AA 18pt ²	Ratio: 1.08 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 4.18 AA 18pt ²	Ratio: 1.27 Failed ⁵
Hex(FFC4CB)	Ratio: 3.35 AA 18pt ²		Ratio: 3.11 AA 18pt ²	Ratio: 3.87 AA 18pt ²	Ratio: 14.01 Passed ⁶	Ratio: 2.63 Failed ⁵
Hex(BE2ED1)	Ratio: 1.08 Failed ⁵	Ratio: 3.11 AA 18pt ²		Ratio: 1.24 Failed ⁵	Ratio: 4.50 AA ¹ AAA 18pt ⁴	Ratio: 1.18 Failed ⁵
Hex(805C60)	Ratio: 1.15 Failed ⁵	Ratio: 3.87 AA 18pt ²	Ratio: 1.24 Failed ⁵		Ratio: 3.62 AA 18pt ²	Ratio: 1.47 Failed ⁵
Hex(000000)	Ratio: 4.18 AA 18pt ²	Ratio: 14.01 Passed ⁶	Ratio: 4.50 AA ¹ AAA 18pt ⁴	Ratio: 3.62 AA 18pt ²		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 1.27 Failed ⁵	Ratio: 2.63 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.47 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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