

Converting Colors - WCAG Matrix

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

Hex(D4135F) Hex(FFBAD5) Hex(8713D4) Hex(805767) Hex(000000) Hex(808080)

	Hex(D4135F)	Hex(FFBAD5)	Hex(8713D4)	Hex(805767)	Hex(000000)	Hex(808080)
Hex(D4135F)		Ratio: 3.26 AA 18pt ²	Ratio: 1.32 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 4.06 AA 18pt ²	Ratio: 1.31 Failed ⁵
Hex(FFBAD5)	Ratio: 3.26 AA 18pt ²		Ratio: 4.31 AA 18pt ²	Ratio: 3.81 AA 18pt ²	Ratio: 13.24 Passed ⁶	Ratio: 2.49 Failed ⁵
Hex(8713D4)	Ratio: 1.32 Failed ⁵	Ratio: 4.31 AA 18pt ²		Ratio: 1.13 Failed ⁵	Ratio: 3.07 AA 18pt ²	Ratio: 1.73 Failed ⁵
Hex(805767)	Ratio: 1.17 Failed ⁵	Ratio: 3.81 AA 18pt ²	Ratio: 1.13 Failed ⁵		Ratio: 3.48 AA 18pt ²	Ratio: 1.53 Failed ⁵
Hex(000000)	Ratio: 4.06 AA 18pt ²	Ratio: 13.24 Passed ⁶	Ratio: 3.07 AA 18pt ²	Ratio: 3.48 AA 18pt ²		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 1.31 Failed ⁵	Ratio: 2.49 Failed ⁵	Ratio: 1.73 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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