

Converting Colors - WCAG Matrix

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

Hex(D4B0CF) Hex(FFF2FD) Hex(B5B0D4) Hex(80787F) Hex(000000) Hex(808080)

	Hex(D4B0CF)	Hex(FFF2FD)	Hex(B5B0D4)	Hex(80787F)	Hex(000000)	Hex(808080)
Hex(D4B0CF)		Ratio: 1.78 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 2.22 Failed ⁵	Ratio: 10.91 Passed ⁶	Ratio: 2.05 Failed ⁵
Hex(FFF2FD)	Ratio: 1.78 Failed ⁵		Ratio: 1.91 Failed ⁵	Ratio: 3.94 AA 18pt ²	Ratio: 19.37 Passed ⁶	Ratio: 3.64 AA 18pt ²
Hex(B5B0D4)	Ratio: 1.08 Failed ⁵	Ratio: 1.91 Failed ⁵		Ratio: 2.06 Failed ⁵	Ratio: 10.13 Passed ⁶	Ratio: 1.90 Failed ⁵
Hex(80787F)	Ratio: 2.22 Failed ⁵	Ratio: 3.94 AA 18pt ²	Ratio: 2.06 Failed ⁵		Ratio: 4.91 AA ¹ AAA 18pt ⁴	Ratio: 1.08 Failed ⁵
Hex(000000)	Ratio: 10.91 Passed ⁶	Ratio: 19.37 Passed ⁶	Ratio: 10.13 Passed ⁶	Ratio: 4.91 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 2.05 Failed ⁵	Ratio: 3.64 AA 18pt ²	Ratio: 1.90 Failed ⁵	Ratio: 1.08 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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