

Converting Colors - WCAG Matrix

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

Hex(D4A2BE) Hex(FFEDF7) Hex(B8A2D4) Hex(80757B) Hex(000000) Hex(808080)

	Hex(D4A2BE)	Hex(FFEDF7)	Hex(B8A2D4)	Hex(80757B)	Hex(000000)	Hex(808080)
Hex(D4A2BE)		Ratio: 1.93 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 9.71 Passed ⁶	Ratio: 1.83 Failed ⁵
Hex(FFEDF7)	Ratio: 1.93 Failed ⁵		Ratio: 2.04 Failed ⁵	Ratio: 3.94 AA 18pt ²	Ratio: 18.71 Passed ⁶	Ratio: 3.52 AA 18pt ²
Hex(B8A2D4)	Ratio: 1.06 Failed ⁵	Ratio: 2.04 Failed ⁵		Ratio: 1.93 Failed ⁵	Ratio: 9.16 Passed ⁶	Ratio: 1.72 Failed ⁵
Hex(80757B)	Ratio: 2.05 Failed ⁵	Ratio: 3.94 AA 18pt ²	Ratio: 1.93 Failed ⁵		Ratio: 4.75 AA ¹ AAA 18pt ⁴	Ratio: 1.12 Failed ⁵
Hex(000000)	Ratio: 9.71 Passed ⁶	Ratio: 18.71 Passed ⁶	Ratio: 9.16 Passed ⁶	Ratio: 4.75 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 1.83 Failed ⁵	Ratio: 3.52 AA 18pt ²	Ratio: 1.72 Failed ⁵	Ratio: 1.12 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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