

Converting Colors - WCAG Matrix

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

Hex(6D5158) Hex(FFFFFF) Hex(A1828A) Hex(BC9DA4) Hex(D8B8BF) Hex(F5D3DB) Hex(FFF0F7)

	Hex(6D5158)	Hex(FFFFFF)	Hex(A1828A)	Hex(BC9DA4)	Hex(D8B8BF)	Hex(F5D3DB)	Hex(FFF0F7)
Hex(6D5158)		Ratio: 7.07 Passed ⁶	Ratio: 2.05 Failed ⁵	Ratio: 2.86 Failed ⁵	Ratio: 3.88 AA 18pt ²	Ratio: 5.13 AA ¹ AAA 18pt ⁴	Ratio: 6.42 AA ¹ AAA 18pt ⁴
Hex(FFFFFF)	Ratio: 7.07 Passed ⁶		Ratio: 3.46 AA 18pt ²	Ratio: 2.47 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.10 Failed ⁵
Hex(A1828A)	Ratio: 2.05 Failed ⁵	Ratio: 3.46 AA 18pt ²		Ratio: 1.40 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 2.51 Failed ⁵	Ratio: 3.14 AA 18pt ²
Hex(BC9DA4)	Ratio: 2.86 Failed ⁵	Ratio: 2.47 Failed ⁵	Ratio: 1.40 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 2.24 Failed ⁵
Hex(D8B8BF)	Ratio: 3.88 AA 18pt ²	Ratio: 1.82 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 1.65 Failed ⁵
Hex(F5D3DB)	Ratio: 5.13 AA ¹ AAA 18pt ⁴	Ratio: 1.38 Failed ⁵	Ratio: 2.51 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 1.25 Failed ⁵
Hex(FFF0F7)	Ratio: 6.42 AA ¹ AAA 18pt ⁴	Ratio: 1.10 Failed ⁵	Ratio: 3.14 AA 18pt ²	Ratio: 2.24 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.25 Failed ⁵	

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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