

Converting Colors - WCAG Matrix

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

	Hex(543A3D)	Hex(FFFFFF)	Hex(86696C)	Hex(A18386)	Hex(BC9DA0)	Hex(D8B8BB)	Hex(F4D3D6)	Hex(FFF0F3)
Hex(543A3D)		Ratio: 10.25 Passed ⁶	Ratio: 2.07 Failed ⁵	Ratio: 2.98 Failed ⁵	Ratio: 4.13 AA 18pt ²	Ratio: 5.61 AA ¹ AAA 18pt ⁴	Ratio: 7.38 Passed ⁶	Ratio: 9.28 Passed ⁶
Hex(FFFFFF)	Ratio: 10.25 Passed ⁶		Ratio: 4.94 AA ¹ AAA 18pt ⁴	Ratio: 3.44 AA 18pt ²	Ratio: 2.48 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.10 Failed ⁵
Hex(86696C)	Ratio: 2.07 Failed ⁵	Ratio: 4.94 AA ¹ AAA 18pt ⁴		Ratio: 1.44 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 2.70 Failed ⁵	Ratio: 3.56 AA 18pt ²	Ratio: 4.47 AA 18pt ²
Hex(A18386)	Ratio: 2.98 Failed ⁵	Ratio: 3.44 AA 18pt ²	Ratio: 1.44 Failed ⁵		Ratio: 1.39 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 2.48 Failed ⁵	Ratio: 3.11 AA 18pt ²
Hex(BC9DA0)	Ratio: 4.13 AA 18pt ²	Ratio: 2.48 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 1.39 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 2.24 Failed ⁵
Hex(D8B8BB)	Ratio: 5.61 AA ¹ AAA 18pt ⁴	Ratio: 1.83 Failed ⁵	Ratio: 2.70 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 1.65 Failed ⁵
Hex(F4D3D6)	Ratio: 7.38 Passed ⁶	Ratio: 1.39 Failed ⁵	Ratio: 3.56 AA 18pt ²	Ratio: 2.48 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 1.26 Failed ⁵
Hex(FFF0F3)	Ratio: 9.28 Passed ⁶	Ratio: 1.10 Failed ⁵	Ratio: 4.47 AA 18pt ²	Ratio: 3.11 AA 18pt ²	Ratio: 2.24 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.26 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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