

Converting Colors - WCAG Matrix

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

	Hex(570625)	Hex(FFE5F8)	Hex(8D3C51)	Hex(A95569)	Hex(C66F82)	Hex(E3899C)	Hex(FFA4B7)	Hex(FFC0D3)	Hex(FFDCEF)
Hex(570625)		Ratio: 12.22 Passed ⁶	Ratio: 1.99 Failed ⁵	Ratio: 2.87 Failed ⁵	Ratio: 4.11 AA 18pt ²	Ratio: 5.71 AA ¹ AAA 18pt ⁴	Ratio: 7.71 Passed ⁶	Ratio: 9.42 Passed ⁶	Ratio: 11.48 Passed ⁶
Hex(FFE5F8)	Ratio: 12.22 Passed ⁶		Ratio: 6.15 AA ¹ AAA 18pt ⁴	Ratio: 4.25 AA 18pt ²	Ratio: 2.97 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.06 Failed ⁵
Hex(8D3C51)	Ratio: 1.99 Failed ⁵	Ratio: 6.15 AA ¹ AAA 18pt ⁴		Ratio: 1.45 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 2.87 Failed ⁵	Ratio: 3.88 AA 18pt ²	Ratio: 4.74 AA ¹ AAA 18pt ⁴	Ratio: 5.78 AA ¹ AAA 18pt ⁴
Hex(A95569)	Ratio: 2.87 Failed ⁵	Ratio: 4.25 AA 18pt ²	Ratio: 1.45 Failed ⁵		Ratio: 1.43 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 2.68 Failed ⁵	Ratio: 3.28 AA 18pt ²	Ratio: 3.99 AA 18pt ²
Hex(C66F82)	Ratio: 4.11 AA 18pt ²	Ratio: 2.97 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 1.43 Failed ⁵		Ratio: 1.39 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 2.29 Failed ⁵	Ratio: 2.79 Failed ⁵
Hex(E3899C)	Ratio: 5.71 AA ¹ AAA 18pt ⁴	Ratio: 2.14 Failed ⁵	Ratio: 2.87 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 1.39 Failed ⁵		Ratio: 1.35 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 2.01 Failed ⁵
Hex(FFA4B7)	Ratio: 7.71 Passed ⁶	Ratio: 1.58 Failed ⁵	Ratio: 3.88 AA 18pt ²	Ratio: 2.68 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 1.35 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.49 Failed ⁵
Hex(FFC0D3)	Ratio: 9.42 Passed ⁶	Ratio: 1.30 Failed ⁵	Ratio: 4.74 AA ¹ AAA 18pt ⁴	Ratio: 3.28 AA 18pt ²	Ratio: 2.29 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.22 Failed ⁵
Hex(FFDCEF)	Ratio: 11.48 Passed ⁶	Ratio: 1.06 Failed ⁵	Ratio: 5.78 AA ¹ AAA 18pt ⁴	Ratio: 3.99 AA 18pt ²	Ratio: 2.79 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.22 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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