

Converting Colors - WCAG Matrix

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

Hex(FA80B1) Hex(FF69A5) Hex(80EDFA) Hex(7D7075) Hex(BD004B) Hex(3D0018)

	Hex(FA80B1)	Hex(FF69A5)	Hex(80EDFA)	Hex(7D7075)	Hex(BD004B)	Hex(3D0018)
Hex(FA80B1)		Ratio: 1.12 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 2.69 Failed ⁵	Ratio: 7.25 Passed ⁶
Hex(FF69A5)	Ratio: 1.12 Failed ⁵		Ratio: 1.97 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 2.39 Failed ⁵	Ratio: 6.45 AA ¹ AAA 18pt ⁴
Hex(80EDFA)	Ratio: 1.75 Failed ⁵	Ratio: 1.97 Failed ⁵		Ratio: 3.47 AA 18pt ²	Ratio: 4.72 AA ¹ AAA 18pt ⁴	Ratio: 12.72 Passed ⁶
Hex(7D7075)	Ratio: 1.98 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 3.47 AA 18pt ²		Ratio: 1.36 Failed ⁵	Ratio: 3.67 AA 18pt ²
Hex(BD004B)	Ratio: 2.69 Failed ⁵	Ratio: 2.39 Failed ⁵	Ratio: 4.72 AA ¹ AAA 18pt ⁴	Ratio: 1.36 Failed ⁵		Ratio: 2.70 Failed ⁵
Hex(3D0018)	Ratio: 7.25 Passed ⁶	Ratio: 6.45 AA ¹ AAA 18pt ⁴	Ratio: 12.72 Passed ⁶	Ratio: 3.67 AA 18pt ²	Ratio: 2.70 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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