

Converting Colors - WCAG Matrix

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

Hex(F01122) Hex(FFB8BD) Hex(DD11F0) Hex(805457) Hex(000000) Hex(808080)

	Hex(F01122)	Hex(FFB8BD)	Hex(DD11F0)	Hex(805457)	Hex(000000)	Hex(808080)
Hex(F01122)		Ratio: 2.67 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 4.81 AA ¹ AAA 18pt ⁴	Ratio: 1.11 Failed ⁵
Hex(FFB8BD)	Ratio: 2.67 Failed ⁵		Ratio: 2.37 Failed ⁵	Ratio: 3.86 AA 18pt ²	Ratio: 12.84 Passed ⁶	Ratio: 2.42 Failed ⁵
Hex(DD11F0)	Ratio: 1.13 Failed ⁵	Ratio: 2.37 Failed ⁵		Ratio: 1.63 Failed ⁵	Ratio: 5.41 AA ¹ AAA 18pt ⁴	Ratio: 1.02 Failed ⁵
Hex(805457)	Ratio: 1.45 Failed ⁵	Ratio: 3.86 AA 18pt ²	Ratio: 1.63 Failed ⁵		Ratio: 3.32 AA 18pt ²	Ratio: 1.60 Failed ⁵
Hex(000000)	Ratio: 4.81 AA ¹ AAA 18pt ⁴	Ratio: 12.84 Passed ⁶	Ratio: 5.41 AA ¹ AAA 18pt ⁴	Ratio: 3.32 AA 18pt ²		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 1.11 Failed ⁵	Ratio: 2.42 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.60 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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