

Converting Colors - WCAG Matrix

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

Hex(DB5D10) Hex(FFD3B8) Hex(DB1091) Hex(806554) Hex(000000) Hex(808080)

	Hex(DB5D10)	Hex(FFD3B8)	Hex(DB1091)	Hex(806554)	Hex(000000)	Hex(808080)
Hex(DB5D10)		Ratio: 2.73 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 5.59 AA ¹ AAA 18pt ⁴	Ratio: 1.05 Failed ⁵
Hex(FFD3B8)	Ratio: 2.73 Failed ⁵		Ratio: 3.40 AA 18pt ²	Ratio: 3.91 AA 18pt ²	Ratio: 15.26 Passed ⁶	Ratio: 2.87 Failed ⁵
Hex(DB1091)	Ratio: 1.24 Failed ⁵	Ratio: 3.40 AA 18pt ²		Ratio: 1.15 Failed ⁵	Ratio: 4.50 AA ¹ AAA 18pt ⁴	Ratio: 1.18 Failed ⁵
Hex(806554)	Ratio: 1.43 Failed ⁵	Ratio: 3.91 AA 18pt ²	Ratio: 1.15 Failed ⁵		Ratio: 3.91 AA 18pt ²	Ratio: 1.36 Failed ⁵
Hex(000000)	Ratio: 5.59 AA ¹ AAA 18pt ⁴	Ratio: 15.26 Passed ⁶	Ratio: 4.50 AA ¹ AAA 18pt ⁴	Ratio: 3.91 AA 18pt ²		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 1.05 Failed ⁵	Ratio: 2.87 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.36 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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