

Converting Colors - WCAG Matrix

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

Hex(808D8D) Hex(B2B8B8) Hex(808D80) Hex(585C5C) Hex(DBDBDB) Hex(5C5C5C)

	Hex(808D8D)	Hex(B2B8B8)	Hex(808D80)	Hex(585C5C)	Hex(DBDBDB)	Hex(5C5C5C)
Hex(808D8D)		Ratio: 1.71 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 2.48 Failed ⁵	Ratio: 1.95 Failed ⁵
Hex(B2B8B8)	Ratio: 1.71 Failed ⁵		Ratio: 1.73 Failed ⁵	Ratio: 3.37 AA 18pt ²	Ratio: 1.45 Failed ⁵	Ratio: 3.32 AA 18pt ²
Hex(808D80)	Ratio: 1.01 Failed ⁵	Ratio: 1.73 Failed ⁵		Ratio: 1.95 Failed ⁵	Ratio: 2.51 Failed ⁵	Ratio: 1.92 Failed ⁵
Hex(585C5C)	Ratio: 1.97 Failed ⁵	Ratio: 3.37 AA 18pt ²	Ratio: 1.95 Failed ⁵		Ratio: 4.89 AA ¹ AAA 18pt ⁴	Ratio: 1.01 Failed ⁵
Hex(DBDBDB)	Ratio: 2.48 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 2.51 Failed ⁵	Ratio: 4.89 AA ¹ AAA 18pt ⁴		Ratio: 4.83 AA ¹ AAA 18pt ⁴
Hex(5C5C5C)	Ratio: 1.95 Failed ⁵	Ratio: 3.32 AA 18pt ²	Ratio: 1.92 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 4.83 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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