

Converting Colors - WCAG Matrix

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

Hex(8C9129) Hex(BBBD93) Hex(912C29) Hex(5D5E46) Hex(DEDEDE) Hex(5E5E5E)

	Hex(8C9129)	Hex(BBBD93)	Hex(912C29)	Hex(5D5E46)	Hex(DEDEDE)	Hex(5E5E5E)
Hex(8C9129)		Ratio: 1.74 Failed ⁵	Ratio: 2.39 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 2.52 Failed ⁵	Ratio: 1.91 Failed ⁵
Hex(BBBD93)	Ratio: 1.74 Failed ⁵		Ratio: 4.17 AA 18pt ²	Ratio: 3.43 AA 18pt ²	Ratio: 1.44 Failed ⁵	Ratio: 3.34 AA 18pt ²
Hex(912C29)	Ratio: 2.39 Failed ⁵	Ratio: 4.17 AA 18pt ²		Ratio: 1.22 Failed ⁵	Ratio: 6.01 AA ¹ AAA 18pt ⁴	Ratio: 1.25 Failed ⁵
Hex(5D5E46)	Ratio: 1.96 Failed ⁵	Ratio: 3.43 AA 18pt ²	Ratio: 1.22 Failed ⁵		Ratio: 4.95 AA ¹ AAA 18pt ⁴	Ratio: 1.03 Failed ⁵
Hex(DEDEDE)	Ratio: 2.52 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 6.01 AA ¹ AAA 18pt ⁴	Ratio: 4.95 AA ¹ AAA 18pt ⁴		Ratio: 4.82 AA ¹ AAA 18pt ⁴
Hex(5E5E5E)	Ratio: 1.91 Failed ⁵	Ratio: 3.34 AA 18pt ²	Ratio: 1.25 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 4.82 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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