

Converting Colors - WCAG Matrix

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

Hex(409100) Hex(9DBD84) Hex(915000) Hex(4B5E3C) Hex(DEDEDE) Hex(5E5E5E)

	Hex(409100)	Hex(9DBD84)	Hex(915000)	Hex(4B5E3C)	Hex(DEDEDE)	Hex(5E5E5E)
Hex(409100)		Ratio: 1.91 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 2.96 Failed ⁵	Ratio: 1.63 Failed ⁵
Hex(9DBD84)	Ratio: 1.91 Failed ⁵		Ratio: 3.00 AA 18pt ²	Ratio: 3.39 AA 18pt ²	Ratio: 1.55 Failed ⁵	Ratio: 3.10 AA 18pt ²
Hex(915000)	Ratio: 1.57 Failed ⁵	Ratio: 3.00 AA 18pt ²		Ratio: 1.13 Failed ⁵	Ratio: 4.66 AA ¹ AAA 18pt ⁴	Ratio: 1.03 Failed ⁵
Hex(4B5E3C)	Ratio: 1.78 Failed ⁵	Ratio: 3.39 AA 18pt ²	Ratio: 1.13 Failed ⁵		Ratio: 5.26 AA ¹ AAA 18pt ⁴	Ratio: 1.09 Failed ⁵
Hex(DEDEDE)	Ratio: 2.96 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 4.66 AA ¹ AAA 18pt ⁴	Ratio: 5.26 AA ¹ AAA 18pt ⁴		Ratio: 4.82 AA ¹ AAA 18pt ⁴
Hex(5E5E5E)	Ratio: 1.63 Failed ⁵	Ratio: 3.10 AA 18pt ²	Ratio: 1.03 Failed ⁵	Ratio: 1.09 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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