

Converting Colors - WCAG Matrix

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

Hex(209E4C) Hex(9DCFAE) Hex(729E20) Hex(4A6955) Hex(E8E8E8) Hex(696969)

	Hex(209E4C)	Hex(9DCFAE)	Hex(729E20)	Hex(4A6955)	Hex(E8E8E8)	Hex(696969)
Hex(209E4C)		Ratio: 1.98 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 2.83 Failed ⁵	Ratio: 1.58 Failed ⁵
Hex(9DCFAE)	Ratio: 1.98 Failed ⁵		Ratio: 1.81 Failed ⁵	Ratio: 3.48 AA 18pt ²	Ratio: 1.43 Failed ⁵	Ratio: 3.13 AA 18pt ²
Hex(729E20)	Ratio: 1.09 Failed ⁵	Ratio: 1.81 Failed ⁵		Ratio: 1.92 Failed ⁵	Ratio: 2.59 Failed ⁵	Ratio: 1.73 Failed ⁵
Hex(4A6955)	Ratio: 1.76 Failed ⁵	Ratio: 3.48 AA 18pt ²	Ratio: 1.92 Failed ⁵		Ratio: 4.98 AA ¹ AAA 18pt ⁴	Ratio: 1.11 Failed ⁵
Hex(E8E8E8)	Ratio: 2.83 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 2.59 Failed ⁵	Ratio: 4.98 AA ¹ AAA 18pt ⁴		Ratio: 4.48 AA 18pt ²
Hex(696969)	Ratio: 1.58 Failed ⁵	Ratio: 3.13 AA 18pt ²	Ratio: 1.73 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 4.48 AA 18pt ²	

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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