

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(90C268) Hex(E9FCD9) Hex(C29A68) Hex(73806A) Hex(000000) Hex(808080)

	Hex(90C268)	Hex(E9FCD9)	Hex(C29A68)	Hex(73806A)	Hex(000000)	Hex(808080)
Hex(90C268)		Ratio: 1.92 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 10.10 Passed ⁶	Ratio: 1.90 Failed ⁵
Hex(E9FCD9)	Ratio: 1.92 Failed ⁵		Ratio: 2.39 Failed ⁵	Ratio: 3.86 AA 18pt ²	Ratio: 19.39 Passed ⁶	Ratio: 3.65 AA 18pt ²
Hex(C29A68)	Ratio: 1.24 Failed ⁵	Ratio: 2.39 Failed ⁵		Ratio: 1.62 Failed ⁵	Ratio: 8.12 Passed ⁶	Ratio: 1.53 Failed ⁵
Hex(73806A)	Ratio: 2.01 Failed ⁵	Ratio: 3.86 AA 18pt ²	Ratio: 1.62 Failed ⁵		Ratio: 5.02 AA ¹ AAA 18pt ⁴	Ratio: 1.06 Failed ⁵
Hex(000000)	Ratio: 10.10 Passed ⁶	Ratio: 19.39 Passed ⁶	Ratio: 8.12 Passed ⁶	Ratio: 5.02 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 1.90 Failed ⁵	Ratio: 3.65 AA 18pt ²	Ratio: 1.53 Failed ⁵	Ratio: 1.06 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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