

Converting Colors - WCAG Matrix

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

Hex(1F9C69) Hex(9BCCB8) Hex(539C1F) Hex(48665A) Hex(E6E6E6) Hex(666666)

	Hex(1F9C69)	Hex(9BCCB8)	Hex(539C1F)	Hex(48665A)	Hex(E6E6E6)	Hex(666666)
Hex(1F9C69)		Ratio: 1.95 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 2.80 Failed ⁵	Ratio: 1.65 Failed ⁵
Hex(9BCCB8)	Ratio: 1.95 Failed ⁵		Ratio: 1.91 Failed ⁵	Ratio: 3.53 AA 18pt ²	Ratio: 1.44 Failed ⁵	Ratio: 3.21 AA 18pt ²
Hex(539C1F)	Ratio: 1.02 Failed ⁵	Ratio: 1.91 Failed ⁵		Ratio: 1.85 Failed ⁵	Ratio: 2.74 Failed ⁵	Ratio: 1.68 Failed ⁵
Hex(48665A)	Ratio: 1.81 Failed ⁵	Ratio: 3.53 AA 18pt ²	Ratio: 1.85 Failed ⁵		Ratio: 5.06 AA ¹ AAA 18pt ⁴	Ratio: 1.10 Failed ⁵
Hex(E6E6E6)	Ratio: 2.80 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 2.74 Failed ⁵	Ratio: 5.06 AA ¹ AAA 18pt ⁴		Ratio: 4.60 AA ¹ AAA 18pt ⁴
Hex(666666)	Ratio: 1.65 Failed ⁵	Ratio: 3.21 AA 18pt ²	Ratio: 1.68 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 4.60 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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