

Converting Colors - WCAG Matrix

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

Hex(44AA56) Hex(B6DEBD) Hex(99AA44) Hex(58705C) Hex(F0F0F0) Hex(707070)

	Hex(44AA56)	Hex(B6DEBD)	Hex(99AA44)	Hex(58705C)	Hex(F0F0F0)	Hex(707070)
Hex(44AA56)		Ratio: 1.99 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 2.58 Failed ⁵	Ratio: 1.68 Failed ⁵
Hex(B6DEBD)	Ratio: 1.99 Failed ⁵		Ratio: 1.73 Failed ⁵	Ratio: 3.65 AA 18pt ²	Ratio: 1.30 Failed ⁵	Ratio: 3.34 AA 18pt ²
Hex(99AA44)	Ratio: 1.15 Failed ⁵	Ratio: 1.73 Failed ⁵		Ratio: 2.11 Failed ⁵	Ratio: 2.25 Failed ⁵	Ratio: 1.93 Failed ⁵
Hex(58705C)	Ratio: 1.83 Failed ⁵	Ratio: 3.65 AA 18pt ²	Ratio: 2.11 Failed ⁵		Ratio: 4.74 AA ¹ AAA 18pt ⁴	Ratio: 1.09 Failed ⁵
Hex(F0F0F0)	Ratio: 2.58 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 2.25 Failed ⁵	Ratio: 4.74 AA ¹ AAA 18pt ⁴		Ratio: 4.35 AA 18pt ²
Hex(707070)	Ratio: 1.68 Failed ⁵	Ratio: 3.34 AA 18pt ²	Ratio: 1.93 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 4.35 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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