

Converting Colors - WCAG Matrix

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

Hex(24AB60) Hex(A9DEC0) Hex(70AB24) Hex(50705E) Hex(F0F0F0) Hex(707070)

	Hex(24AB60)	Hex(A9DEC0)	Hex(70AB24)	Hex(50705E)	Hex(F0F0F0)	Hex(707070)
Hex(24AB60)		Ratio: 1.97 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 2.61 Failed ⁵	Ratio: 1.67 Failed ⁵
Hex(A9DEC0)	Ratio: 1.97 Failed ⁵		Ratio: 1.84 Failed ⁵	Ratio: 3.64 AA 18pt ²	Ratio: 1.33 Failed ⁵	Ratio: 3.28 AA 18pt ²
Hex(70AB24)	Ratio: 1.07 Failed ⁵	Ratio: 1.84 Failed ⁵		Ratio: 1.97 Failed ⁵	Ratio: 2.44 Failed ⁵	Ratio: 1.78 Failed ⁵
Hex(50705E)	Ratio: 1.85 Failed ⁵	Ratio: 3.64 AA 18pt ²	Ratio: 1.97 Failed ⁵		Ratio: 4.82 AA ¹ AAA 18pt ⁴	Ratio: 1.11 Failed ⁵
Hex(F0F0F0)	Ratio: 2.61 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 2.44 Failed ⁵	Ratio: 4.82 AA ¹ AAA 18pt ⁴		Ratio: 4.35 AA 18pt ²
Hex(707070)	Ratio: 1.67 Failed ⁵	Ratio: 3.28 AA 18pt ²	Ratio: 1.78 Failed ⁵	Ratio: 1.11 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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