

Converting Colors - WCAG Matrix

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

Hex(484840) Hex(5E5E5C) Hex(484040) Hex(30302F) Hex(B0B0B0) Hex(303030)

	Hex(484840)	Hex(5E5E5C)	Hex(484040)	Hex(30302F)	Hex(B0B0B0)	Hex(303030)
Hex(484840)		Ratio: 1.42 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 4.25 AA 18pt ²	Ratio: 1.43 Failed ⁵
Hex(5E5E5C)	Ratio: 1.42 Failed ⁵		Ratio: 1.55 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 3.00 AA 18pt ²	Ratio: 2.03 Failed ⁵
Hex(484040)	Ratio: 1.09 Failed ⁵	Ratio: 1.55 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 4.65 AA ¹ AAA 18pt ⁴	Ratio: 1.31 Failed ⁵
Hex(30302F)	Ratio: 1.43 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 6.09 AA ¹ AAA 18pt ⁴	Ratio: 1.00 Failed ⁵
Hex(B0B0B0)	Ratio: 4.25 AA 18pt ²	Ratio: 3.00 AA 18pt ²	Ratio: 4.65 AA ¹ AAA 18pt ⁴	Ratio: 6.09 AA ¹ AAA 18pt ⁴		Ratio: 6.09 AA ¹ AAA 18pt ⁴
Hex(303030)	Ratio: 1.43 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 6.09 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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