

Converting Colors - WCAG Matrix

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

Hex(636363) Hex(4B4B4B) Hex(353535) Hex(1F1F1F) Hex(070707) Hex(000000)

Hex(636363)		Ratio: 1.45 Failed⁵	Ratio: 2.04 Failed⁵	Ratio: 2.74 Failed⁵	Ratio: 3.35 AA 18pt²	Ratio: 3.50 AA 18pt²
Hex(4B4B4B)	Ratio: 1.45 Failed⁵		Ratio: 1.41 Failed⁵	Ratio: 1.89 Failed⁵	Ratio: 2.31 Failed⁵	Ratio: 2.41 Failed⁵
Hex(353535)	Ratio: 2.04 Failed⁵	Ratio: 1.41 Failed⁵		Ratio: 1.34 Failed⁵	Ratio: 1.64 Failed⁵	Ratio: 1.71 Failed⁵
Hex(1F1F1F)	Ratio: 2.74 Failed⁵	Ratio: 1.89 Failed⁵	Ratio: 1.34 Failed⁵		Ratio: 1.22 Failed⁵	Ratio: 1.27 Failed⁵
Hex(070707)	Ratio: 3.35 AA 18pt²	Ratio: 2.31 Failed⁵	Ratio: 1.64 Failed⁵	Ratio: 1.22 Failed⁵		Ratio: 1.04 Failed⁵
Hex(000000)	Ratio: 3.50 AA 18pt²	Ratio: 2.41 Failed⁵	Ratio: 1.71 Failed⁵	Ratio: 1.27 Failed⁵	Ratio: 1.04 Failed⁵	

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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