

Converting Colors - WCAG Matrix

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

Hex(3A5040) Hex(606963) Hex(4A503A) Hex(303631) Hex(B5B5B5) Hex(363636)

	Hex(3A5040)	Hex(606963)	Hex(4A503A)	Hex(303631)	Hex(B5B5B5)	Hex(363636)
Hex(3A5040)		Ratio: 1.54 Failed⁵	Ratio: 1.04 Failed⁵	Ratio: 1.41 Failed⁵	Ratio: 4.26 AA 18pt²	Ratio: 1.38 Failed⁵
Hex(606963)	Ratio: 1.54 Failed⁵		Ratio: 1.48 Failed⁵	Ratio: 2.18 Failed⁵	Ratio: 2.77 Failed⁵	Ratio: 2.13 Failed⁵
Hex(4A503A)	Ratio: 1.04 Failed⁵	Ratio: 1.48 Failed⁵		Ratio: 1.47 Failed⁵	Ratio: 4.10 AA 18pt²	Ratio: 1.44 Failed⁵
Hex(303631)	Ratio: 1.41 Failed⁵	Ratio: 2.18 Failed⁵	Ratio: 1.47 Failed⁵		Ratio: 6.03 AA¹ AAA 18pt⁴	Ratio: 1.02 Failed⁵
Hex(B5B5B5)	Ratio: 4.26 AA 18pt²	Ratio: 2.77 Failed⁵	Ratio: 4.10 AA 18pt²	Ratio: 6.03 AA¹ AAA 18pt⁴		Ratio: 5.89 AA¹ AAA 18pt⁴
Hex(363636)	Ratio: 1.38 Failed⁵	Ratio: 2.13 Failed⁵	Ratio: 1.44 Failed⁵	Ratio: 1.02 Failed⁵	Ratio: 5.89 AA¹ AAA 18pt⁴	

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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