

Converting Colors - WCAG Matrix

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

Hex(564040) Hex(706767) Hex(564056) Hex(383232) Hex(B8B8B8) Hex(383838)

	Hex(564040)	Hex(706767)	Hex(564056)	Hex(383232)	Hex(B8B8B8)	Hex(383838)
Hex(564040)		Ratio: 1.74 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 4.81 AA ¹ AAA 18pt ⁴	Ratio: 1.23 Failed ⁵
Hex(706767)	Ratio: 1.74 Failed ⁵		Ratio: 1.69 Failed ⁵	Ratio: 2.29 Failed ⁵	Ratio: 2.77 Failed ⁵	Ratio: 2.14 Failed ⁵
Hex(564056)	Ratio: 1.03 Failed ⁵	Ratio: 1.69 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 4.68 AA ¹ AAA 18pt ⁴	Ratio: 1.26 Failed ⁵
Hex(383232)	Ratio: 1.32 Failed ⁵	Ratio: 2.29 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 6.34 AA ¹ AAA 18pt ⁴	Ratio: 1.07 Failed ⁵
Hex(B8B8B8)	Ratio: 4.81 AA ¹ AAA 18pt ⁴	Ratio: 2.77 Failed ⁵	Ratio: 4.68 AA ¹ AAA 18pt ⁴	Ratio: 6.34 AA ¹ AAA 18pt ⁴		Ratio: 5.91 AA ¹ AAA 18pt ⁴
Hex(383838)	Ratio: 1.23 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 5.91 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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