

Converting Colors - WCAG Matrix

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

Hex(57474F) Hex(706B6E) Hex(4E4757) Hex(383537) Hex(B8B8B8) Hex(383838)

	Hex(57474F)	Hex(706B6E)	Hex(4E4757)	Hex(383537)	Hex(B8B8B8)	Hex(383838)
Hex(57474F)		Ratio: 1.66 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 4.38 AA 18pt ²	Ratio: 1.35 Failed ⁵
Hex(706B6E)	Ratio: 1.66 Failed ⁵		Ratio: 1.70 Failed ⁵	Ratio: 2.32 Failed ⁵	Ratio: 2.64 Failed ⁵	Ratio: 2.24 Failed ⁵
Hex(4E4757)	Ratio: 1.02 Failed ⁵	Ratio: 1.70 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 4.48 AA 18pt ²	Ratio: 1.32 Failed ⁵
Hex(383537)	Ratio: 1.40 Failed ⁵	Ratio: 2.32 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 6.11 AA ¹ AAA 18pt ⁴	Ratio: 1.03 Failed ⁵
Hex(B8B8B8)	Ratio: 4.38 AA 18pt ²	Ratio: 2.64 Failed ⁵	Ratio: 4.48 AA 18pt ²	Ratio: 6.11 AA ¹ AAA 18pt ⁴		Ratio: 5.91 AA ¹ AAA 18pt ⁴
Hex(383838)	Ratio: 1.35 Failed ⁵	Ratio: 2.24 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.03 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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