

Converting Colors - WCAG Matrix

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

	Hex(5C2E2E)	Hex(5C3737)	Hex(5C4040)	Hex(5C4A4A)	Hex(5C5353)	Hex(5C5C5C)	Hex(5C6565)	Hex(5C6E6E)	Hex(5C7878)	Hex(5C8181)
Hex(5C2E2E)		Ratio: 1.09 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 2.34 Failed ⁵	Ratio: 2.61 Failed ⁵
Hex(5C3737)	Ratio: 1.09 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 2.39 Failed ⁵
Hex(5C4040)	Ratio: 1.20 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 2.17 Failed ⁵
Hex(5C4A4A)	Ratio: 1.34 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.94 Failed ⁵
Hex(5C5353)	Ratio: 1.49 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.74 Failed ⁵
Hex(5C5C5C)	Ratio: 1.67 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.56 Failed ⁵
Hex(5C6565)	Ratio: 1.86 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.40 Failed ⁵
Hex(5C6E6E)	Ratio: 2.07 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.26 Failed ⁵
Hex(5C7878)	Ratio: 2.34 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.11 Failed ⁵
Hex(5C8181)	Ratio: 2.61 Failed ⁵	Ratio: 2.39 Failed ⁵	Ratio: 2.17 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.11 Failed ⁵	

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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