

Converting Colors - WCAG Matrix

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

	Hex(1D3747)	Hex(243A47)	Hex(2C3D47)	Hex(333F47)	Hex(3A4247)	Hex(414547)	Hex(484847)	Hex(4F4A47)	Hex(564D47)	Hex(5E5047)
Hex(1D3747)		Ratio: 1.05 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.61 Failed ⁵
Hex(243A47)	Ratio: 1.05 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.53 Failed ⁵
Hex(2C3D47)	Ratio: 1.10 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.45 Failed ⁵
Hex(333F47)	Ratio: 1.15 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.40 Failed ⁵
Hex(3A4247)	Ratio: 1.21 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.32 Failed ⁵
Hex(414547)	Ratio: 1.28 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.25 Failed ⁵
Hex(484847)	Ratio: 1.36 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.18 Failed ⁵
Hex(4F4A47)	Ratio: 1.42 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 1.13 Failed ⁵
Hex(564D47)	Ratio: 1.51 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 1.07 Failed ⁵
Hex(5E5047)	Ratio: 1.61 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.07 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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