

Converting Colors - WCAG Matrix

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

	Hex(4E3635)	Hex(4E3D3D)	Hex(4E4545)	Hex(4E4C4C)	Hex(4E5454)	Hex(4E5B5C)	Hex(4E6364)	Hex(4E6A6C)	Hex(4E7273)	Hex(4E797B)
Hex(4E3635)		Ratio: 1.08 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 2.28 Failed ⁵
Hex(4E3D3D)	Ratio: 1.08 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 2.11 Failed ⁵
Hex(4E4545)	Ratio: 1.19 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.92 Failed ⁵
Hex(4E4C4C)	Ratio: 1.29 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.76 Failed ⁵
Hex(4E5454)	Ratio: 1.43 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.60 Failed ⁵
Hex(4E5B5C)	Ratio: 1.56 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.46 Failed ⁵
Hex(4E6364)	Ratio: 1.73 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.32 Failed ⁵
Hex(4E6A6C)	Ratio: 1.89 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 1.21 Failed ⁵
Hex(4E7273)	Ratio: 2.09 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 1.09 Failed ⁵
Hex(4E797B)	Ratio: 2.28 Failed ⁵	Ratio: 2.11 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.09 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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