

Converting Colors - WCAG Matrix

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

	Hex(443C43)	Hex(444344)	Hex(444A45)	Hex(445046)	Hex(445746)	Hex(445E47)	Hex(446548)	Hex(446C49)	Hex(44724A)	Hex(44794B)
Hex(443C43)		Ratio: 1.08 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 2.07 Failed ⁵
Hex(444344)	Ratio: 1.08 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.91 Failed ⁵
Hex(444A45)	Ratio: 1.17 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.77 Failed ⁵
Hex(445046)	Ratio: 1.26 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.65 Failed ⁵
Hex(445746)	Ratio: 1.37 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.51 Failed ⁵
Hex(445E47)	Ratio: 1.49 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.39 Failed ⁵
Hex(446548)	Ratio: 1.62 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.28 Failed ⁵
Hex(446C49)	Ratio: 1.77 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 1.17 Failed ⁵
Hex(44724A)	Ratio: 1.90 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 1.09 Failed ⁵
Hex(44794B)	Ratio: 2.07 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.17 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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