

Converting Colors - WCAG Matrix

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

	Hex(713929)	Hex(714234)	Hex(714B40)	Hex(71534B)	Hex(715C56)	Hex(716562)	Hex(716E6D)	Hex(717778)	Hex(717F83)	Hex(71888F)
Hex(713929)		Ratio: 1.09 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 2.18 Failed ⁵	Ratio: 2.42 Failed ⁵
Hex(714234)	Ratio: 1.09 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 2.22 Failed ⁵
Hex(714B40)	Ratio: 1.20 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 2.02 Failed ⁵
Hex(71534B)	Ratio: 1.31 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.85 Failed ⁵
Hex(715C56)	Ratio: 1.45 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.67 Failed ⁵
Hex(716562)	Ratio: 1.61 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.50 Failed ⁵
Hex(716E6D)	Ratio: 1.79 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.35 Failed ⁵
Hex(717778)	Ratio: 1.99 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 1.22 Failed ⁵
Hex(717F83)	Ratio: 2.18 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 1.11 Failed ⁵
Hex(71888F)	Ratio: 2.42 Failed ⁵	Ratio: 2.22 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.22 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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