

Converting Colors - WCAG Matrix

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

	Hex(52433F)	Hex(523D37)	Hex(52362F)	Hex(523027)	Hex(52291E)	Hex(522316)	Hex(521C0E)	Hex(521606)	Hex(521100)
Hex(52433F)		Ratio: 1.07 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.55 Failed ⁵
Hex(523D37)	Ratio: 1.07 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.45 Failed ⁵
Hex(52362F)	Ratio: 1.16 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.34 Failed ⁵
Hex(523027)	Ratio: 1.23 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.26 Failed ⁵
Hex(52291E)	Ratio: 1.32 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.18 Failed ⁵
Hex(522316)	Ratio: 1.39 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.12 Failed ⁵
Hex(521C0E)	Ratio: 1.46 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 1.06 Failed ⁵
Hex(521606)	Ratio: 1.51 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 1.03 Failed ⁵
Hex(521100)	Ratio: 1.55 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.03 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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