

Converting Colors - WCAG Matrix

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

	Hex(564141)	Hex(563838)	Hex(563030)	Hex(562727)	Hex(561F1F)	Hex(561616)	Hex(560D0D)	Hex(560505)	Hex(560000)
Hex(564141)		Ratio: 1.10 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.60 Failed ⁵
Hex(563838)	Ratio: 1.10 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.45 Failed ⁵
Hex(563030)	Ratio: 1.20 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.33 Failed ⁵
Hex(562727)	Ratio: 1.30 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.23 Failed ⁵
Hex(561F1F)	Ratio: 1.38 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.15 Failed ⁵
Hex(561616)	Ratio: 1.46 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.09 Failed ⁵
Hex(560D0D)	Ratio: 1.53 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 1.05 Failed ⁵
Hex(560505)	Ratio: 1.57 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 1.02 Failed ⁵
Hex(560000)	Ratio: 1.60 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.02 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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