

Converting Colors - WCAG Matrix

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

	Hex(56402B)	Hex(564434)	Hex(56493C)	Hex(564D45)	Hex(56524D)	Hex(565656)	Hex(565A5F)	Hex(565F67)	Hex(566370)	Hex(566878)
Hex(56402B)		Ratio: 1.05 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.69 Failed ⁵
Hex(564434)	Ratio: 1.05 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.61 Failed ⁵
Hex(56493C)	Ratio: 1.12 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.51 Failed ⁵
Hex(564D45)	Ratio: 1.18 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.43 Failed ⁵
Hex(56524D)	Ratio: 1.25 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.35 Failed ⁵
Hex(565656)	Ratio: 1.32 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.27 Failed ⁵
Hex(565A5F)	Ratio: 1.40 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.21 Failed ⁵
Hex(565F67)	Ratio: 1.49 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 1.13 Failed ⁵
Hex(566370)	Ratio: 1.58 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 1.07 Failed ⁵
Hex(566878)	Ratio: 1.69 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.07 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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