

Converting Colors - WCAG Matrix

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

	Hex(554B4E)	Hex(555454)	Hex(555C5A)	Hex(556560)	Hex(556D66)	Hex(55766C)	Hex(557E72)	Hex(558778)	Hex(558F7E)	Hex(559884)
Hex(554B4E)		Ratio: 1.11 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 2.24 Failed ⁵	Ratio: 2.48 Failed ⁵
Hex(555454)	Ratio: 1.11 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 2.23 Failed ⁵
Hex(555C5A)	Ratio: 1.22 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 2.03 Failed ⁵
Hex(556560)	Ratio: 1.37 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.82 Failed ⁵
Hex(556D66)	Ratio: 1.50 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.65 Failed ⁵
Hex(55766C)	Ratio: 1.68 Failed ⁵	Ratio: 1.51 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	Ratio: 1.34 Failed ⁵	Ratio: 1.48 Failed ⁵
Hex(557E72)	Ratio: 1.84 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.35 Failed ⁵
Hex(558778)	Ratio: 2.05 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 1.21 Failed ⁵
Hex(558F7E)	Ratio: 2.24 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 1.11 Failed ⁵
Hex(559884)	Ratio: 2.48 Failed ⁵	Ratio: 2.23 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.21 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.

This PDF was generated on convertingcolors.com.