

Converting Colors - WCAG Matrix

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

	Hex(292C40)	Hex(2F3140)	Hex(363740)	Hex(3C3C40)	Hex(424240)	Hex(494840)	Hex(4F4D40)	Hex(555340)	Hex(5C5840)	Hex(625E40)
Hex(292C40)		Ratio: 1.07 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 2.09 Failed ⁵
Hex(2F3140)	Ratio: 1.07 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.95 Failed ⁵
Hex(363740)	Ratio: 1.16 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.80 Failed ⁵
Hex(3C3C40)	Ratio: 1.25 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.67 Failed ⁵
Hex(424240)	Ratio: 1.36 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.53 Failed ⁵
Hex(494840)	Ratio: 1.49 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.40 Failed ⁵
Hex(4F4D40)	Ratio: 1.61 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.29 Failed ⁵
Hex(555340)	Ratio: 1.76 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 1.18 Failed ⁵
Hex(5C5840)	Ratio: 1.91 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 1.09 Failed ⁵
Hex(625E40)	Ratio: 2.09 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.09 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.