

Converting Colors - WCAG Matrix

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

	Hex(39383D)	Hex(34323D)	Hex(2F2C3D)	Hex(2B263D)	Hex(26203D)	Hex(211A3D)	Hex(1C143D)	Hex(170E3D)	Hex(12083D)	Hex(0D013D)
Hex(39383D)		Ratio: 1.08 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.66 Failed ⁵
Hex(34323D)	Ratio: 1.08 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.53 Failed ⁵
Hex(2F2C3D)	Ratio: 1.17 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.42 Failed ⁵
Hex(2B263D)	Ratio: 1.25 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.33 Failed ⁵
Hex(26203D)	Ratio: 1.33 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.25 Failed ⁵
Hex(211A3D)	Ratio: 1.41 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.18 Failed ⁵
Hex(1C143D)	Ratio: 1.49 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.12 Failed ⁵
Hex(170E3D)	Ratio: 1.55 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 1.07 Failed ⁵
Hex(12083D)	Ratio: 1.60 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 1.04 Failed ⁵
Hex(0D013D)	Ratio: 1.66 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.04 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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