

Converting Colors - WCAG Matrix

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

Hex(7D77E2) Hex(6860E2) Hex(524AE2) Hex(3D33E2) Hex(281DE2) Hex(1206E2) Hex(0D00E2)

Hex(7D77E2)		Ratio: 1.29 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 2.37 Failed ⁵	Ratio: 2.61 Failed ⁵	Ratio: 2.65 Failed ⁵
Hex(6860E2)	Ratio: 1.29 Failed ⁵		Ratio: 1.27 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 2.06 Failed ⁵
Hex(524AE2)	Ratio: 1.63 Failed ⁵	Ratio: 1.27 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.62 Failed ⁵
Hex(3D33E2)	Ratio: 2.02 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.31 Failed ⁵
Hex(281DE2)	Ratio: 2.37 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 1.12 Failed ⁵
Hex(1206E2)	Ratio: 2.61 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 1.02 Failed ⁵
Hex(0D00E2)	Ratio: 2.65 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.12 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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