

Converting Colors - WCAG Matrix

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

Hex(385798) Hex(2F60C4) Hex(483898) Hex(45474D) Hex(002E8C) Hex(00040D)

Hex(385798)		Ratio: 1.20 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.69 Failed ⁵
Hex(2F60C4)	Ratio: 1.20 Failed ⁵		Ratio: 1.57 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 2.03 Failed ⁵
Hex(483898)	Ratio: 1.30 Failed ⁵	Ratio: 1.57 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 1.30 Failed ⁵
Hex(45474D)	Ratio: 1.32 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.01 Failed ⁵		Ratio: 1.28 Failed ⁵
Hex(002E8C)	Ratio: 1.69 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.28 Failed ⁵	
Hex(00040D)	Ratio: 2.92 Failed ⁵	Ratio: 3.51 AA 18pt ²	Ratio: 2.24 Failed ⁵	Ratio: 2.21 Failed ⁵	Ratio: 1.73 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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