

Converting Colors - WCAG Matrix

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

Hex(273198) Hex(1625C4) Hex(542798) Hex(45464D) Hex(000C8C) Hex(00010D)

	Hex(273198)	Hex(1625C4)	Hex(542798)	Hex(45464D)	Hex(000C8C)	Hex(00010D)
Hex(273198)		Ratio: 1.06 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.96 Failed ⁵
Hex(1625C4)	Ratio: 1.06 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 2.07 Failed ⁵
Hex(542798)	Ratio: 1.07 Failed ⁵	Ratio: 1.01 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 2.10 Failed ⁵
Hex(45464D)	Ratio: 1.13 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 1.56 Failed ⁵	Ratio: 2.21 Failed ⁵
Hex(000C8C)	Ratio: 1.38 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.56 Failed ⁵		Ratio: 1.42 Failed ⁵
Hex(00010D)	Ratio: 1.96 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 2.21 Failed ⁵	Ratio: 1.42 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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