

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(2125B4) Hex(050BEB) Hex(6621B4) Hex(505159) Hex(000499) Hex(00011A)

	Hex(2125B4)	Hex(050BEB)	Hex(6621B4)	Hex(505159)	Hex(000499)	Hex(00011A)
Hex(2125B4)		Ratio: 1.13 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.95 Failed ⁵
Hex(050BEB)	Ratio: 1.13 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 2.21 Failed ⁵
Hex(6621B4)	Ratio: 1.23 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 2.40 Failed ⁵
Hex(505159)	Ratio: 1.34 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 1.80 Failed ⁵	Ratio: 2.61 Failed ⁵
Hex(000499)	Ratio: 1.35 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.80 Failed ⁵		Ratio: 1.45 Failed ⁵
Hex(00011A)	Ratio: 1.95 Failed ⁵	Ratio: 2.21 Failed ⁵	Ratio: 2.40 Failed ⁵	Ratio: 2.61 Failed ⁵	Ratio: 1.45 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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