

Converting Colors - WCAG Matrix

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

Hex(0058DF) Hex(0065FF) Hex(1600DF) Hex(656970) Hex(0045B0) Hex(001330)

	Hex(0058DF)	Hex(0065FF)	Hex(1600DF)	Hex(656970)	Hex(0045B0)	Hex(001330)
Hex(0058DF)		Ratio: 1.24 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 3.05 AA 18pt ²
Hex(0065FF)	Ratio: 1.24 Failed ⁵		Ratio: 2.05 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 3.79 AA 18pt ²
Hex(1600DF)	Ratio: 1.65 Failed ⁵	Ratio: 2.05 Failed ⁵		Ratio: 1.81 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.85 Failed ⁵
Hex(656970)	Ratio: 1.10 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.81 Failed ⁵		Ratio: 1.54 Failed ⁵	Ratio: 3.35 AA 18pt ²
Hex(0045B0)	Ratio: 1.40 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.54 Failed ⁵		Ratio: 2.18 Failed ⁵
Hex(001330)	Ratio: 3.05 AA 18pt ²	Ratio: 3.79 AA 18pt ²	Ratio: 1.85 Failed ⁵	Ratio: 3.35 AA 18pt ²	Ratio: 2.18 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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