

Converting Colors - WCAG Matrix

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

Hex(588DDE) Hex(4280DE) Hex(2C72DE) Hex(1565DE) Hex(0058DE)

Hex(588DDE)	Ratio: 1.17 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.82 Failed ⁵
Hex(4280DE)	Ratio: 1.17 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.56 Failed ⁵
Hex(2C72DE)	Ratio: 1.37 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.32 Failed ⁵
Hex(1565DE)	Ratio: 1.59 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.14 Failed ⁵
Hex(0058DE)	Ratio: 1.82 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.14 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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