

Converting Colors - WCAG Matrix

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

Hex(0D14BF) Hex(B2B5F7) Hex(0DBFB6) Hex(52547D) Hex(FCFCFC) Hex(7D7D7D)

	Hex(0D14BF)	Hex(B2B5F7)	Hex(0DBFB6)	Hex(52547D)	Hex(FCFCFC)	Hex(7D7D7D)
Hex(0D14BF)		Ratio: 5.80 AA ¹ AAA 18pt ⁴	Ratio: 4.89 AA ¹ AAA 18pt ⁴	Ratio: 1.56 Failed ⁵	Ratio: 10.95 Passed ⁶	Ratio: 2.73 Failed ⁵
Hex(B2B5F7)	Ratio: 5.80 AA ¹ AAA 18pt ⁴		Ratio: 1.19 Failed ⁵	Ratio: 3.71 AA 18pt ²	Ratio: 1.89 Failed ⁵	Ratio: 2.13 Failed ⁵
Hex(0DBFB6)	Ratio: 4.89 AA ¹ AAA 18pt ⁴	Ratio: 1.19 Failed ⁵		Ratio: 3.13 AA 18pt ²	Ratio: 2.24 Failed ⁵	Ratio: 1.79 Failed ⁵
Hex(52547D)	Ratio: 1.56 Failed ⁵	Ratio: 3.71 AA 18pt ²	Ratio: 3.13 AA 18pt ²		Ratio: 7.00 Passed ⁶	Ratio: 1.75 Failed ⁵
Hex(FCFCFC)	Ratio: 10.95 Passed ⁶	Ratio: 1.89 Failed ⁵	Ratio: 2.24 Failed ⁵	Ratio: 7.00 Passed ⁶		Ratio: 4.01 AA 18pt ²
Hex(7D7D7D)	Ratio: 2.73 Failed ⁵	Ratio: 2.13 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 4.01 AA 18pt ²	

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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