

Converting Colors - WCAG Matrix

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

	Hex(D491F2)	Hex(DBABF2)	Hex(E3C2F2)	Hex(EBD9F2)	Hex(F2F2F2)	Hex(FAFFF2)	Hex(FFFFFF2)
Hex(D491F2)		Ratio: 1.22 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 2.26 Failed ⁵	Ratio: 2.28 Failed ⁵
Hex(DBABF2)	Ratio: 1.22 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 1.87 Failed ⁵
Hex(E3C2F2)	Ratio: 1.45 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.57 Failed ⁵
Hex(EBD9F2)	Ratio: 1.72 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.32 Failed ⁵
Hex(F2F2F2)	Ratio: 2.05 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 1.11 Failed ⁵
Hex(FAFFF2)	Ratio: 2.26 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 1.01 Failed ⁵
Hex(FFFFFF2)	Ratio: 2.28 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.01 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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