

Converting Colors - WCAG Matrix

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

Hex(A386DF) Hex(B29CDF) Hex(C1B3DF) Hex(D0C9DF) Hex(DFDFDF) Hex(EEF6DF) Hex(FDFFDF) Hex(FFFFDF)

	Hex(A386DF)	Hex(B29CDF)	Hex(C1B3DF)	Hex(D0C9DF)	Hex(DFDFDF)	Hex(EEF6DF)	Hex(FDFFDF)	Hex(FFFFDF)
Hex(A386DF)		Ratio: 1.24 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 2.24 Failed ⁵	Ratio: 2.69 Failed ⁵	Ratio: 2.92 Failed ⁵	Ratio: 2.93 Failed ⁵
Hex(B29CDF)	Ratio: 1.24 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 2.17 Failed ⁵	Ratio: 2.36 Failed ⁵	Ratio: 2.37 Failed ⁵
Hex(C1B3DF)	Ratio: 1.53 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.91 Failed ⁵
Hex(D0C9DF)	Ratio: 1.86 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.57 Failed ⁵
Hex(DFDFDF)	Ratio: 2.24 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.31 Failed ⁵
Hex(EEF6DF)	Ratio: 2.69 Failed ⁵	Ratio: 2.17 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 1.09 Failed ⁵
Hex(FDFFDF)	Ratio: 2.92 Failed ⁵	Ratio: 2.36 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 1.00 Failed ⁵
Hex(FFFFDF)	Ratio: 2.93 Failed ⁵	Ratio: 2.37 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.00 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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