

Converting Colors - WCAG Matrix

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

	Hex(DA3ED6)	Hex(DA54D7)	Hex(DA6AD7)	Hex(DA7FD8)	Hex(DA95D8)	Hex(DAABD9)	Hex(DAC1D9)	Hex(DAD7DA)	Hex(DAECDA)	Hex(DAFFDB)
Hex(DA3ED6)		Ratio: 1.10 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 2.24 Failed ⁵	Ratio: 2.61 Failed ⁵	Ratio: 3.01 AA 18pt ²	Ratio: 3.42 AA 18pt ²
Hex(DA54D7)	Ratio: 1.10 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 2.36 Failed ⁵	Ratio: 2.73 Failed ⁵	Ratio: 3.10 AA 18pt ²
Hex(DA6AD7)	Ratio: 1.25 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 2.42 Failed ⁵	Ratio: 2.75 Failed ⁵
Hex(DA7FD8)	Ratio: 1.42 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 2.12 Failed ⁵	Ratio: 2.41 Failed ⁵
Hex(DA95D8)	Ratio: 1.64 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 2.08 Failed ⁵
Hex(DAABD9)	Ratio: 1.92 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.79 Failed ⁵
Hex(DAC1D9)	Ratio: 2.24 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.53 Failed ⁵
Hex(DAD7DA)	Ratio: 2.61 Failed ⁵	Ratio: 2.36 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.31 Failed ⁵
Hex(DAECDA)	Ratio: 3.01 AA 18pt ²	Ratio: 2.73 Failed ⁵	Ratio: 2.42 Failed ⁵	Ratio: 2.12 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.14 Failed ⁵
Hex(DAFFDB)	Ratio: 3.42 AA 18pt ²	Ratio: 3.10 AA 18pt ²	Ratio: 2.75 Failed ⁵	Ratio: 2.41 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.31 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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