

Converting Colors - WCAG Matrix

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

	Hex(7DA428)	Hex(FFFFFF)	Hex(B5DB5F)	Hex(D1F879)	Hex(EFFF95)	Hex(FFFFB0)	Hex(FFFFCD)	Hex(FFFEEA)
Hex(7DA428)		Ratio: 2.91 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 2.41 Failed ⁵	Ratio: 2.69 Failed ⁵	Ratio: 2.80 Failed ⁵	Ratio: 2.83 Failed ⁵	Ratio: 2.88 Failed ⁵
Hex(FFFFFF)	Ratio: 2.91 Failed ⁵		Ratio: 1.58 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.01 Failed ⁵
Hex(B5DB5F)	Ratio: 1.84 Failed ⁵	Ratio: 1.58 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.56 Failed ⁵
Hex(D1F879)	Ratio: 2.41 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.19 Failed ⁵
Hex(EFFF95)	Ratio: 2.69 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.07 Failed ⁵
Hex(FFFFB0)	Ratio: 2.80 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 1.03 Failed ⁵
Hex(FFFFCD)	Ratio: 2.83 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.01 Failed ⁵		Ratio: 1.02 Failed ⁵
Hex(FFFEEA)	Ratio: 2.88 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.02 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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