

Converting Colors - WCAG Matrix

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

Hex(D3D292) Hex(FFFEA1) Hex(B4D392) Hex(69685E) Hex(A8A600) Hex(292800)

	Hex(D3D292)	Hex(FFFEA1)	Hex(B4D392)	Hex(69685E)	Hex(A8A600)	Hex(292800)
Hex(D3D292)		Ratio: 1.49 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 3.58 AA 18pt ²	Ratio: 1.65 Failed ⁵	Ratio: 9.59 Passed ⁶
Hex(FFFEA1)	Ratio: 1.49 Failed ⁵		Ratio: 1.57 Failed ⁵	Ratio: 5.33 AA ¹ AAA 18pt ⁴	Ratio: 2.46 Failed ⁵	Ratio: 14.27 Passed ⁶
Hex(B4D392)	Ratio: 1.06 Failed ⁵	Ratio: 1.57 Failed ⁵		Ratio: 3.39 AA 18pt ²	Ratio: 1.56 Failed ⁵	Ratio: 9.07 Passed ⁶
Hex(69685E)	Ratio: 3.58 AA 18pt ²	Ratio: 5.33 AA ¹ AAA 18pt ⁴	Ratio: 3.39 AA 18pt ²		Ratio: 2.17 Failed ⁵	Ratio: 2.68 Failed ⁵
Hex(A8A600)	Ratio: 1.65 Failed ⁵	Ratio: 2.46 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 2.17 Failed ⁵		Ratio: 5.81 AA ¹ AAA 18pt ⁴
Hex(292800)	Ratio: 9.59 Passed ⁶	Ratio: 14.27 Passed ⁶	Ratio: 9.07 Passed ⁶	Ratio: 2.68 Failed ⁵	Ratio: 5.81 AA ¹ AAA 18pt ⁴	

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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