

# Converting Colors - WCAG Matrix

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

Hex(A0705A) Hex(FFFFFF) Hex(D8A48C) Hex(F6BFA7) Hex(FFDBC2) Hex(FFF8DE) Hex(FFFFFFA)

	Hex(A0705A)	Hex(FFFFFF)	Hex(D8A48C)	Hex(F6BFA7)	Hex(FFDBC2)	Hex(FFF8DE)	Hex(FFFFFFA)
Hex(A0705A)		Ratio: 4.23 AA 18pt <sup>2</sup>	Ratio: 1.94 Failed <sup>5</sup>	Ratio: 2.61 Failed <sup>5</sup>	Ratio: 3.26 AA 18pt <sup>2</sup>	Ratio: 3.98 AA 18pt <sup>2</sup>	Ratio: 4.22 AA 18pt <sup>2</sup>
Hex(FFFFFF)	Ratio: 4.23 AA 18pt <sup>2</sup>		Ratio: 2.19 Failed <sup>5</sup>	Ratio: 1.62 Failed <sup>5</sup>	Ratio: 1.30 Failed <sup>5</sup>	Ratio: 1.06 Failed <sup>5</sup>	Ratio: 1.00 Failed <sup>5</sup>
Hex(D8A48C)	Ratio: 1.94 Failed <sup>5</sup>	Ratio: 2.19 Failed <sup>5</sup>		Ratio: 1.35 Failed <sup>5</sup>	Ratio: 1.68 Failed <sup>5</sup>	Ratio: 2.05 Failed <sup>5</sup>	Ratio: 2.18 Failed <sup>5</sup>
Hex(F6BFA7)	Ratio: 2.61 Failed <sup>5</sup>	Ratio: 1.62 Failed <sup>5</sup>	Ratio: 1.35 Failed <sup>5</sup>		Ratio: 1.25 Failed <sup>5</sup>	Ratio: 1.53 Failed <sup>5</sup>	Ratio: 1.62 Failed <sup>5</sup>
Hex(FFDBC2)	Ratio: 3.26 AA 18pt <sup>2</sup>	Ratio: 1.30 Failed <sup>5</sup>	Ratio: 1.68 Failed <sup>5</sup>	Ratio: 1.25 Failed <sup>5</sup>		Ratio: 1.22 Failed <sup>5</sup>	Ratio: 1.30 Failed <sup>5</sup>
Hex(FFF8DE)	Ratio: 3.98 AA 18pt <sup>2</sup>	Ratio: 1.06 Failed <sup>5</sup>	Ratio: 2.05 Failed <sup>5</sup>	Ratio: 1.53 Failed <sup>5</sup>	Ratio: 1.22 Failed <sup>5</sup>		Ratio: 1.06 Failed <sup>5</sup>
Hex(FFFFFFA)	Ratio: 4.22 AA 18pt <sup>2</sup>	Ratio: 1.00 Failed <sup>5</sup>	Ratio: 2.18 Failed <sup>5</sup>	Ratio: 1.62 Failed <sup>5</sup>	Ratio: 1.30 Failed <sup>5</sup>	Ratio: 1.06 Failed <sup>5</sup>	

Details can be found at <https://www.w3.org/TR/WCAG20/>.

<sup>1</sup> AA

AA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for any text size.

<sup>2</sup> AA 18pt

AA level for large text above 18pt.

<sup>3</sup> AAA

AAA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for any text size.

<sup>4</sup> AAA 18pt

AAA level for large text above 18pt.

<sup>5</sup> Failed

Fails to comply with the Web Content Accessibility Guidelines (WCAG) 2.0.

<sup>6</sup> Passed

Passes the AAA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for all text sizes.

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