

# Converting Colors - WCAG Matrix

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

Hex(9B0F36) Hex(FFD3E1) Hex(D75064) Hex(F66B7D) Hex(FF8797) Hex(FFA3B2) Hex(FFBFCD)

	Hex(9B0F36)	Hex(FFD3E1)	Hex(D75064)	Hex(F66B7D)	Hex(FF8797)	Hex(FFA3B2)	Hex(FFBFCD)
Hex(9B0F36)		Ratio: 6.22 AA <sup>1</sup> AAA 18pt <sup>4</sup>	Ratio: 2.08 Failed <sup>5</sup>	Ratio: 2.91 Failed <sup>5</sup>	Ratio: 3.64 AA 18pt <sup>2</sup>	Ratio: 4.43 AA 18pt <sup>2</sup>	Ratio: 5.40 AA <sup>1</sup> AAA 18pt <sup>4</sup>
Hex(FFD3E1)	Ratio: 6.22 AA <sup>1</sup> AAA 18pt <sup>4</sup>		Ratio: 3.00 AA 18pt <sup>2</sup>	Ratio: 2.14 Failed <sup>5</sup>	Ratio: 1.71 Failed <sup>5</sup>	Ratio: 1.41 Failed <sup>5</sup>	Ratio: 1.15 Failed <sup>5</sup>
Hex(D75064)	Ratio: 2.08 Failed <sup>5</sup>	Ratio: 3.00 AA 18pt <sup>2</sup>		Ratio: 1.40 Failed <sup>5</sup>	Ratio: 1.76 Failed <sup>5</sup>	Ratio: 2.13 Failed <sup>5</sup>	Ratio: 2.60 Failed <sup>5</sup>
Hex(F66B7D)	Ratio: 2.91 Failed <sup>5</sup>	Ratio: 2.14 Failed <sup>5</sup>	Ratio: 1.40 Failed <sup>5</sup>		Ratio: 1.25 Failed <sup>5</sup>	Ratio: 1.52 Failed <sup>5</sup>	Ratio: 1.86 Failed <sup>5</sup>
Hex(FF8797)	Ratio: 3.64 AA 18pt <sup>2</sup>	Ratio: 1.71 Failed <sup>5</sup>	Ratio: 1.76 Failed <sup>5</sup>	Ratio: 1.25 Failed <sup>5</sup>		Ratio: 1.21 Failed <sup>5</sup>	Ratio: 1.48 Failed <sup>5</sup>
Hex(FFA3B2)	Ratio: 4.43 AA 18pt <sup>2</sup>	Ratio: 1.41 Failed <sup>5</sup>	Ratio: 2.13 Failed <sup>5</sup>	Ratio: 1.52 Failed <sup>5</sup>	Ratio: 1.21 Failed <sup>5</sup>		Ratio: 1.22 Failed <sup>5</sup>
Hex(FFBFCD)	Ratio: 5.40 AA <sup>1</sup> AAA 18pt <sup>4</sup>	Ratio: 1.15 Failed <sup>5</sup>	Ratio: 2.60 Failed <sup>5</sup>	Ratio: 1.86 Failed <sup>5</sup>	Ratio: 1.48 Failed <sup>5</sup>	Ratio: 1.22 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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