

# Converting Colors - WCAG Matrix

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

**Hex(E8B17A) Hex(FFFFFF) Hex(FFE9AF) Hex(FFFFCB) Hex(FFFE7)**

	Hex(E8B17A)	Hex(FFFFFF)	Hex(FFE9AF)	Hex(FFFFCB)	Hex(FFFE7)
Hex(E8B17A)		<a href="#">Ratio: 1.91</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.59</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.86</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.88</a> <a href="#">Failed<sup>5</sup></a>
Hex(FFFFFF)	<a href="#">Ratio: 1.91</a> <a href="#">Failed<sup>5</sup></a>		<a href="#">Ratio: 1.20</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.03</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.01</a> <a href="#">Failed<sup>5</sup></a>
Hex(FFE9AF)	<a href="#">Ratio: 1.59</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.20</a> <a href="#">Failed<sup>5</sup></a>		<a href="#">Ratio: 1.16</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.18</a> <a href="#">Failed<sup>5</sup></a>
Hex(FFFFCB)	<a href="#">Ratio: 1.86</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.03</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.16</a> <a href="#">Failed<sup>5</sup></a>		<a href="#">Ratio: 1.01</a> <a href="#">Failed<sup>5</sup></a>
Hex(FFFE7)	<a href="#">Ratio: 1.88</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.01</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.18</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.01</a> <a href="#">Failed<sup>5</sup></a>	

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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