

# Converting Colors - WCAG Matrix

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

Hex(ECC78E) Hex(ECBE76) Hex(ECB45F) Hex(ECAB47) Hex(ECA230) Hex(EC9818) Hex(EC8F00)

	Hex(ECC78E)	Hex(ECBE76)	Hex(ECB45F)	Hex(ECAB47)	Hex(ECA230)	Hex(EC9818)	Hex(EC8F00)
Hex(ECC78E)		Ratio: <a href="#">1.08</a> Failed <sup>5</sup>	Ratio: <a href="#">1.17</a> Failed <sup>5</sup>	Ratio: <a href="#">1.25</a> Failed <sup>5</sup>	Ratio: <a href="#">1.34</a> Failed <sup>5</sup>	Ratio: <a href="#">1.45</a> Failed <sup>5</sup>	Ratio: <a href="#">1.55</a> Failed <sup>5</sup>
Hex(ECBE76)	Ratio: <a href="#">1.08</a> Failed <sup>5</sup>		Ratio: <a href="#">1.08</a> Failed <sup>5</sup>	Ratio: <a href="#">1.16</a> Failed <sup>5</sup>	Ratio: <a href="#">1.25</a> Failed <sup>5</sup>	Ratio: <a href="#">1.34</a> Failed <sup>5</sup>	Ratio: <a href="#">1.44</a> Failed <sup>5</sup>
Hex(ECB45F)	Ratio: <a href="#">1.17</a> Failed <sup>5</sup>	Ratio: <a href="#">1.08</a> Failed <sup>5</sup>		Ratio: <a href="#">1.07</a> Failed <sup>5</sup>	Ratio: <a href="#">1.15</a> Failed <sup>5</sup>	Ratio: <a href="#">1.24</a> Failed <sup>5</sup>	Ratio: <a href="#">1.33</a> Failed <sup>5</sup>
Hex(ECAB47)	Ratio: <a href="#">1.25</a> Failed <sup>5</sup>	Ratio: <a href="#">1.16</a> Failed <sup>5</sup>	Ratio: <a href="#">1.07</a> Failed <sup>5</sup>		Ratio: <a href="#">1.07</a> Failed <sup>5</sup>	Ratio: <a href="#">1.16</a> Failed <sup>5</sup>	Ratio: <a href="#">1.23</a> Failed <sup>5</sup>
Hex(ECA230)	Ratio: <a href="#">1.34</a> Failed <sup>5</sup>	Ratio: <a href="#">1.25</a> Failed <sup>5</sup>	Ratio: <a href="#">1.15</a> Failed <sup>5</sup>	Ratio: <a href="#">1.07</a> Failed <sup>5</sup>		Ratio: <a href="#">1.08</a> Failed <sup>5</sup>	Ratio: <a href="#">1.15</a> Failed <sup>5</sup>
Hex(EC9818)	Ratio: <a href="#">1.45</a> Failed <sup>5</sup>	Ratio: <a href="#">1.34</a> Failed <sup>5</sup>	Ratio: <a href="#">1.24</a> Failed <sup>5</sup>	Ratio: <a href="#">1.16</a> Failed <sup>5</sup>	Ratio: <a href="#">1.08</a> Failed <sup>5</sup>		Ratio: <a href="#">1.07</a> Failed <sup>5</sup>
Hex(EC8F00)	Ratio: <a href="#">1.55</a> Failed <sup>5</sup>	Ratio: <a href="#">1.44</a> Failed <sup>5</sup>	Ratio: <a href="#">1.33</a> Failed <sup>5</sup>	Ratio: <a href="#">1.23</a> Failed <sup>5</sup>	Ratio: <a href="#">1.15</a> Failed <sup>5</sup>	Ratio: <a href="#">1.07</a> 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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