

# Converting Colors - WCAG Matrix

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

**Hex(5EC5BB) Hex(D6FFFB) Hex(68C55E) Hex(67807D) Hex(000000) Hex(808080)**

	Hex(5EC5BB)	Hex(D6FFFB)	Hex(68C55E)	Hex(67807D)	Hex(000000)	Hex(808080)
Hex(5EC5BB)		<a href="#">Ratio: 1.92</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.05</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.05</a> Failed <sup>5</sup>	<a href="#">Ratio: 10.18</a> Passed <sup>6</sup>	<a href="#">Ratio: 1.91</a> Failed <sup>5</sup>
Hex(D6FFFB)	<a href="#">Ratio: 1.92</a> Failed <sup>5</sup>		<a href="#">Ratio: 2.01</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.94</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 19.56</a> Passed <sup>6</sup>	<a href="#">Ratio: 3.68</a> AA 18pt <sup>2</sup>
Hex(68C55E)	<a href="#">Ratio: 1.05</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.01</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.96</a> Failed <sup>5</sup>	<a href="#">Ratio: 9.74</a> Passed <sup>6</sup>	<a href="#">Ratio: 1.83</a> Failed <sup>5</sup>
Hex(67807D)	<a href="#">Ratio: 2.05</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.94</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 1.96</a> Failed <sup>5</sup>		<a href="#">Ratio: 4.96</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>	<a href="#">Ratio: 1.07</a> Failed <sup>5</sup>
Hex(000000)	<a href="#">Ratio: 10.18</a> Passed <sup>6</sup>	<a href="#">Ratio: 19.56</a> Passed <sup>6</sup>	<a href="#">Ratio: 9.74</a> Passed <sup>6</sup>	<a href="#">Ratio: 4.96</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>		<a href="#">Ratio: 5.32</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>
Hex(808080)	<a href="#">Ratio: 1.91</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.68</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 1.83</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.07</a> Failed <sup>5</sup>	<a href="#">Ratio: 5.32</a> AA <sup>1</sup> AAA 18pt <sup>4</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.

This PDF was generated on [convertingcolors.com](https://convertingcolors.com).