

Converting Colors

CIELCh(95, 9.748, 192.524)

Have a look what the booklet for
CIELCh(95, 9.748, 192.524) contains.

CIELCh(95, 9.680, 192.728)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(95, 9.680, 192.728)

Conversions

Conversions Part 1

Format	Color
Hex	DAF6F4
RGB	218, 246, 244
RGB Percent	85%, 96%, 96%
CMY	0.1438, 0.0340, 0.0418
CMYK	0.11, 0.00, 0.01, 0.03
HSL	176°, 62%, 91%
HSV	176°, 11%, 97%
XYZ	78.4448, 87.6183, 98.6266
YIQ	237.4000, -16.0460, -6.5580

Conversions

Conversions Part 2

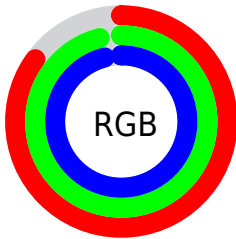
Format	Color
R _Y B	218, 233, 246
Decimal	14350068
CIE _{Lab}	95.00, -9.44, -2.13
CIE _{LCh}	95, 9.680, 192.728
Y _{xy}	87.6183, 0.2964, 0.3310
Android (android.graphics.Color)	4292540148 (0xFFDAF6F4)
Y _{UV}	237.4000, 3.2538, -17.0138
Hunter-Lab	93.6047, -14.2174, 3.0523

Details

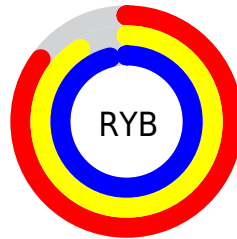
The CIELCh color **95, 9.680, 192.728** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **89, 10.312, 14.338**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **75, 9.746, 192.304** is the 20% darker color. If you saturate the color by 10%, you get **93, 17.739, 191.969**, and if you desaturate by 10%, it is **97, 1.188, 193.907**.

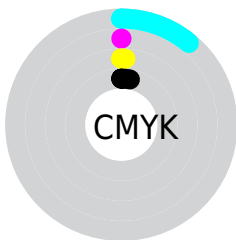
Distribution



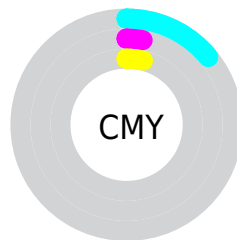
- Red (85%)
- Green (96%)
- Blue (96%)



- Red (85%)
- Yellow (91%)
- Blue (96%)



- Cyan (11%)
- Magenta (0%)
- Yellow (1%)
- Black (3%)



- Cyan (14%)
- Magenta (3%)
- Yellow (4%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 9.680, 192.728 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 95, 9.680, 192.728 by changing the saturation by 10% instead.

 95, 9.680, 192.728

 95, 9.680, 192.728

 100, 9.680,
192.728

 85, 9.680, 192.728

 75, 9.680, 192.728

 65, 9.680, 192.728

 55, 9.680, 192.728

 45, 9.680, 192.728

 35, 9.680, 192.728

 25, 9.680, 192.728

 15, 9.680, 192.728

 5, 9.680, 192.728

95, 9.680, 192.728

95, 9.680, 192.728

93, 17.739,
191.969

97, 1.188, 193.907

92, 25.221,
191.243

98, 3.166, 5.242

91, 31.978,
190.521

98, 3.501, 350.880

90, 37.871,
189.797

98, 4.014, 339.613

89, 42.784,
189.059

98, 4.646, 331.164

89, 46.639,
188.296

98, 5.356, 324.860

88, 49.419,
187.493

98, 5.396, 324.572

88, 51.184,
186.633

■ 88, 52.070,
185.845

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



95, 9.680, 192.728



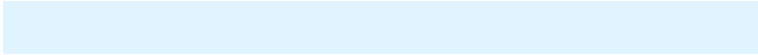
89, 10.312, 14.338

Rectangle

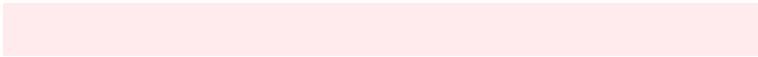
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



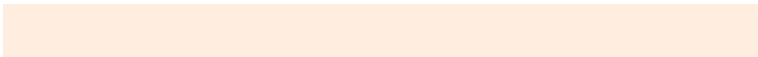
95, 9.680, 192.728



95, 9.680, 242.728



95, 9.680, 12.728



95, 9.680, 62.728

Sweetspot

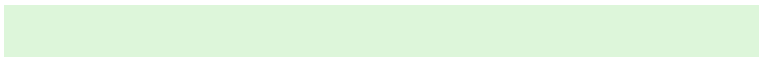
The Sweet Spot groups the original color and five complimentary colors.



95, 9.681, 192.718



99, 2.670, 193.499



95, 17.136, 141.583



53, 2.021, 193.390



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 9.681, 192.718



98, 12.184, 192.515



92, 8.125, 247.311



50, 4.834, 192.866



68, 42.140, 186.014



21, 18.556, 187.309

Inverse Universe

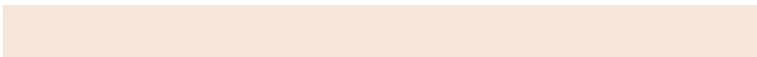
The Inverse Universe completely reimagines the original color for something new.



89, 10.312, 14.338



90, 13.179, 14.597



92, 8.485, 64.624



48, 5.094, 14.157



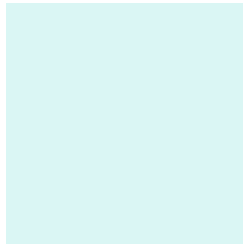
39, 79.570, 37.200



8, 30.590, 22.128

Previews

White Background



This preview shows how the CIELCh color 95, 9.680, 192.728 looks on a white background.

Color Contrast Check

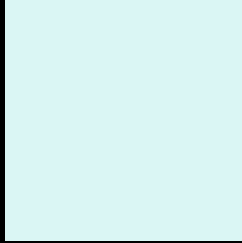
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 95, 9.680, 192.728 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

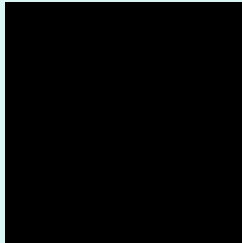
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

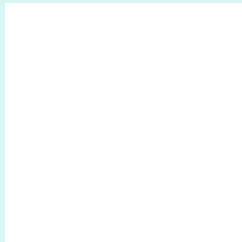
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 9.680, 192.728

Background



This preview shows how black text looks on a background with the CIELCh color 95, 9.680, 192.728.



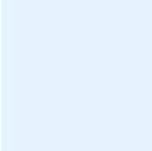
This preview shows how white text looks on a background with the CIELCh color 95, 9.680, 192.728.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

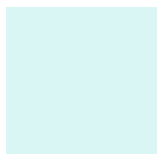
Dichromacy



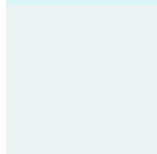


Tritanopia
95, 7.933, 256.823

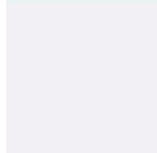
Trichromacy



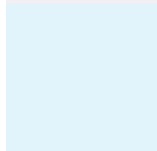
Original Color
95, 9.680, 192.728



Protanomaly
95, 2.449, 199.504

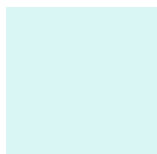


Deuteranomaly
95, 3.280, 309.134

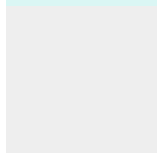


Tritanomaly
95, 7.345, 228.496

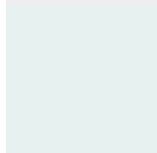
Monochromacy



Original Color
95, 9.680, 192.728



Achromatopsia
94, 0.011, 296.813



Achromatomaly
94, 3.543, 191.001

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 9.680, 192.728 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(218, 246, 244)` looks like.

```
.text, #text, p{  
    color:rgb(218, 246, 244)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(218, 246, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 246, 244) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 9.680, 192.728 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(218, 246, 244) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(218, 246, 244) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(218, 246, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 246, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 246, 244);  
box-shadow:4px 4px 4px 4px rgb(218, 246,  
244) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 9.680, 192.728 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 246, 244) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(218,  
246, 244) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor