

Converting Colors

CIELCh(95, 12.649, 178.269)

Have a look what the booklet for
CIELCh(95, 12.649, 178.269)
contains.

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Color

CIELCh(95, 12.680, 177.211)

Conversions

Conversions Part 1

Format	Color
Hex	D6F8EF
RGB	214, 248, 239
RGB Percent	84%, 97%, 94%
CMY	0.1610, 0.0276, 0.0629
CMYK	0.14, 0.00, 0.04, 0.03
HSL	164°, 71%, 91%
HSV	164°, 14%, 97%
XYZ	76.8387, 87.6183, 94.4817
YIQ	236.8080, -17.3750, -10.0070

Conversions

Conversions Part 2

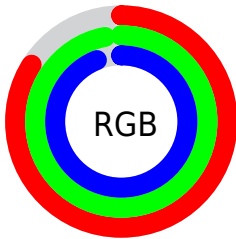
Format	Color
R_{YB}	214, 234, 248
Decimal	14088431
CIE _{Lab}	95.00, -12.66, 0.62
CIE _{LCh}	95, 12.680, 177.211
Y _{xy}	87.6183, 0.2967, 0.3384
Android (android.graphics.Color)	4292278511 (0xFFD6F8EF)
Y _{UV}	236.8080, 1.0807, -20.0026
Hunter-Lab	93.6047, -17.2801, 5.6777

Details

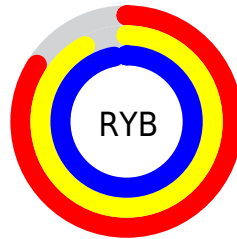
The CIELCh color **95, 12.680, 177.211** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **89, 13.262, 359.767**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **75, 12.925, 176.307** is the 20% darker color. If you saturate the color by 10%, you get **93, 21.627, 176.174**, and if you desaturate by 10%, it is **97, 3.462, 178.274**.

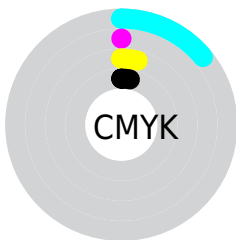
Distribution



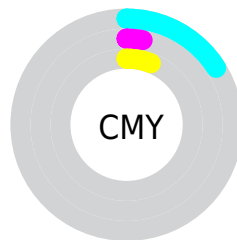
- Red (84%)
- Green (97%)
- Blue (94%)



- Red (84%)
- Yellow (92%)
- Blue (97%)



- Cyan (14%)
- Magenta (0%)
- Yellow (4%)
- Black (3%)





- Cyan (16%)
- Magenta (3%)
- Yellow (6%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 12.680, 177.211 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, 12.680, 177.211 by changing the saturation by 10% instead.


 95, 12.680,
177.211


 95, 12.680,
177.211


 100, 12.680,
177.211


 85, 12.680,
177.211

 75, 12.680,
177.211

 65, 12.680,
177.211

 55, 12.680,
177.211

 45, 12.680,
177.211

 35, 12.680,
177.211

 25, 12.680,

177.211

■ 15, 12.680,
177.211

■ 5, 12.680, 177.211

■ 95, 12.680,
177.211

■ 95, 12.680,
177.211

■ 93, 21.627,
176.174

■ 97, 3.462, 178.274

■ 92, 30.151,
175.074

■ 98, 3.271, 339.387

■ 98, 4.388, 324.524

■ 91, 38.096,
173.881

■ 90, 45.304,
172.571

■ 89, 51.635,
171.119

■ 88, 56.993,
169.499

■ 88, 61.345,
167.689

■ 87, 64.750,
165.684

■ 87, 66.540,
164.359

Harmonies

Complementary

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



95, 12.680, 177.211



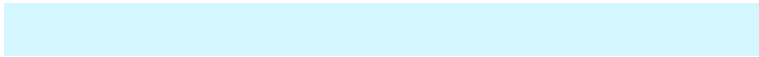
89, 13.262, 359.767

Rectangle

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



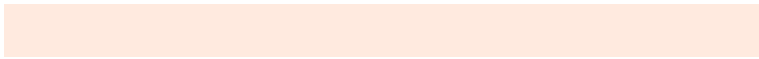
95, 12.680, 177.211



95, 12.680, 227.211



95, 12.680, 357.211



95, 12.680, 47.211

Sweetspot

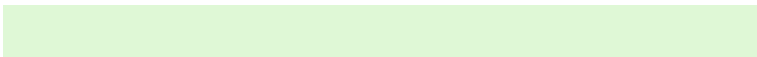
The Sweet Spot groups the original color and five complimentary colors.



95, 12.682, 177.205



99, 3.815, 178.235



95, 19.651, 136.168



53, 2.710, 178.141



0, 0.000, 0.000



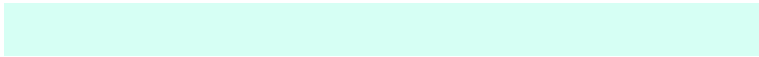
53, 0.007, 296.813

Same Dimension

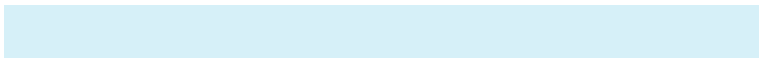
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 12.682, 177.205



97, 15.095, 176.971



93, 9.642, 224.138



51, 5.313, 177.632



68, 53.892, 164.743



22, 23.362, 167.750

Inverse Universe

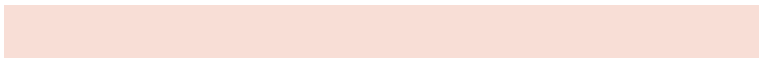
The Inverse Universe completely reimagines the original color for something new.



89, 13.262, 359.767



89, 15.908, 0.031



90, 10.503, 42.895



49, 5.480, 359.300



40, 71.262, 24.311



9, 30.698, 14.264

Previews

White Background



This preview shows how the CIE LCh color 95, 12.680, 177.211 looks on a white background.

Color Contrast Check

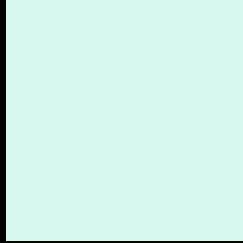
Large Text (above 18pt) WCAG AA × Fail

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, 12.680, 177.211 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

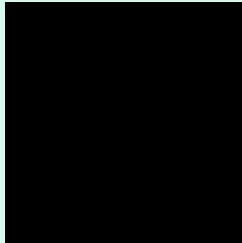
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

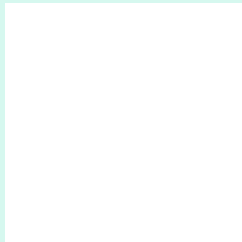
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 12.680, 177.211

Background



This preview shows how black text looks on a background with the CIELCh color 95, 12.680, 177.211.

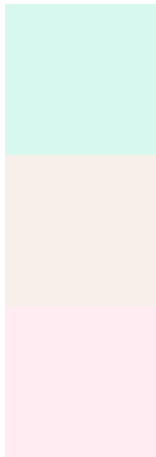


This preview shows how white text looks on a background with the CIELCh color 95, 12.680, 177.211.

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



Original Color
95, 12.680, 177.211

Protanopia
95, 3.564, 65.237

Deuteranopia
95, 7.790, 356.633

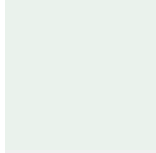


Tritanopia
95, 8.125, 248.708

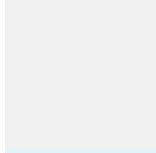
Trichromacy



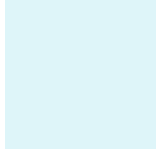
Original Color
95, 12.680, 177.211



Protanomaly
95, 4.200, 152.213

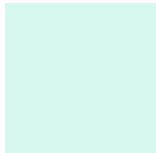


Deuteranomaly
95, 0.011, 296.813

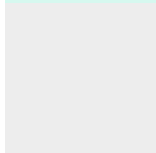


Tritanomaly
95, 8.072, 213.780

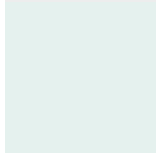
Monochromacy



Original Color
95, 12.680, 177.211



Achromatopsia
94, 0.011, 296.813



Achromatomaly
94, 4.500, 179.190

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 12.680, 177.211 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(214, 248, 239)` looks like.

```
.text, #text, p{  
    color:rgb(214, 248, 239)  
}
```

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(214, 248, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 248, 239) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 12.680, 177.211 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(214, 248, 239) }
```

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

```
.border{ border-color:rgb(214, 248, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 248, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 248, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 248, 239);  
box-shadow:4px 4px 4px 4px rgb(214, 248,  
239) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 12.680, 177.211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 248, 239) }
```

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

```
.background{ background-color: rgb(214,  
248, 239) }
```

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](#).

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