

Converting Colors

CIELCh(95, 10.054, 175.335)

Have a look what the booklet for
CIELCh(95, 10.054, 175.335)
contains.

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Color

CIELCh(95, 9.768, 177.203)

Conversions

Conversions Part 1

Format	Color
Hex	DCF6EF
RGB	220, 246, 239
RGB Percent	86%, 96%, 94%
CMY	0.1360, 0.0340, 0.0615
CMYK	0.11, 0.00, 0.03, 0.03
HSL	164°, 60%, 91%
HSV	164°, 11%, 97%
XYZ	78.2872, 87.6183, 94.6904
YIQ	237.4280, -13.2490, -7.6890

Conversions

Conversions Part 2

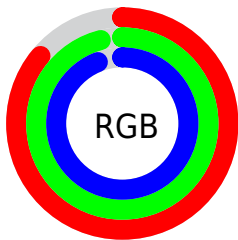
Format	Color
R _Y B	220, 235, 246
Decimal	14481135
CIE Lab	95.00, -9.76, 0.48
CIE LCh	95, 9.768, 177.203
Yxy	87.6183, 0.3004, 0.3362
Android (android.graphics.Color)	4292671215 (0xFFDC6EF)
YUV	237.4280, 0.7750, -15.2844
Hunter-Lab	93.6047, -14.5179, 5.5455

Details

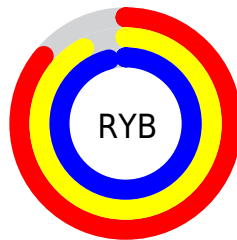
The CIELCh color **95, 9.768, 177.203** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **90, 10.107, 359.088**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **75, 9.897, 176.192** is the 20% darker color. If you saturate the color by 10%, you get **93, 18.796, 176.175**, and if you desaturate by 10%, it is **97, 0.516, 179.173**.

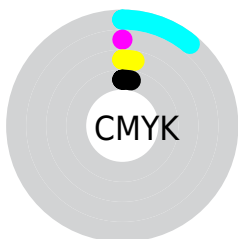
Distribution



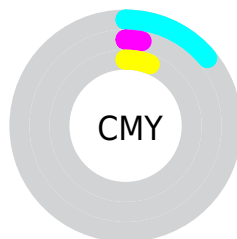
- Red (86%)
- Green (96%)
- Blue (94%)



- Red (86%)
- Yellow (92%)
- Blue (96%)



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



- Cyan (14%)
- Magenta (3%)
- Yellow (6%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 9.768, 177.203 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, 9.768, 177.203 by changing the saturation by 10% instead.

 95, 9.768, 177.203

 95, 9.768, 177.203

 100, 9.768,
177.203

 85, 9.768, 177.203

 75, 9.768, 177.203

 65, 9.768, 177.203

 55, 9.768, 177.203

 45, 9.768, 177.203

 35, 9.768, 177.203

 25, 9.768, 177.203

 15, 9.768, 177.203

 5, 9.768, 177.203

95, 9.768, 177.203

95, 9.768, 177.203

93, 18.796,
176.175

97, 0.516, 179.173

92, 27.457,
175.098

98, 4.444, 333.561

98, 5.404, 324.573

91, 35.595,
173.933

89, 43.054,
172.657

89, 49.684,
171.246

88, 55.374,
169.673

87, 60.067,
167.915

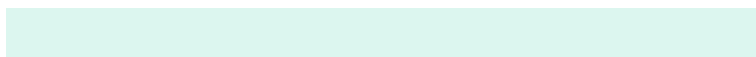
87, 63.789,
165.960

■ 87, 66.594,
163.972

Harmonies

Complementary

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



95, 9.768, 177.203



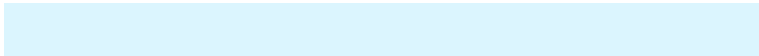
90, 10.107, 359.088

Rectangle

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



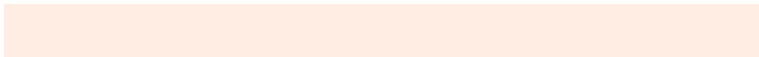
95, 9.768, 177.203



95, 9.768, 227.203



95, 9.768, 357.203



95, 9.768, 47.203

Sweetspot

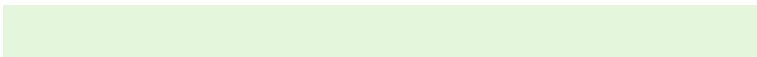
The Sweet Spot groups the original color and five complimentary colors.



95, 9.770, 177.195



99, 2.868, 178.049



95, 14.958, 135.809



53, 2.174, 177.932



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, 9.770, 177.195



98, 12.340, 176.946



94, 7.495, 221.909



50, 5.237, 177.305



67, 53.644, 164.371



21, 22.787, 167.553

Inverse Universe

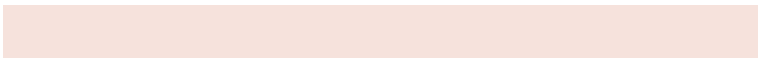
The Inverse Universe completely reimagines the original color for something new.



90, 10.107, 359.088



91, 12.866, 359.361



91, 8.004, 41.071



48, 5.399, 358.970



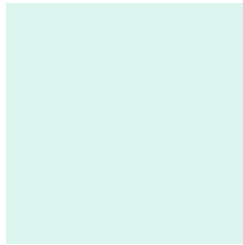
39, 70.337, 23.858



9, 29.756, 13.084

Previews

White Background



This preview shows how the CIELCh color 95, 9.768, 177.203 looks on a white background.

Color Contrast Check

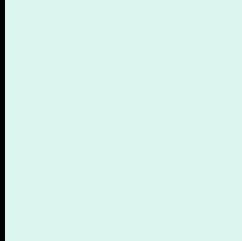
Large Text (above 18pt) WCAG AA × Fail

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, 9.768, 177.203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

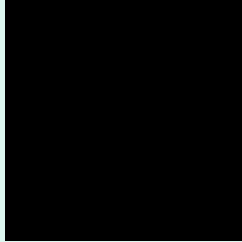
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

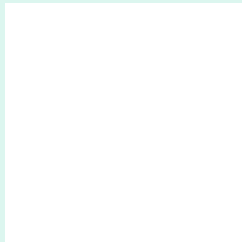
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 9.768, 177.203

Background



This preview shows how black text looks on a background with the CIELCh color 95, 9.768, 177.203.

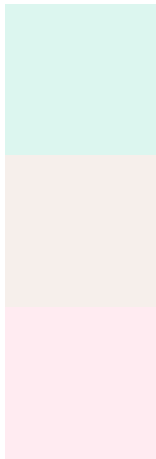


This preview shows how white text looks on a background with the CIELCh color 95, 9.768, 177.203.

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, 9.768, 177.203

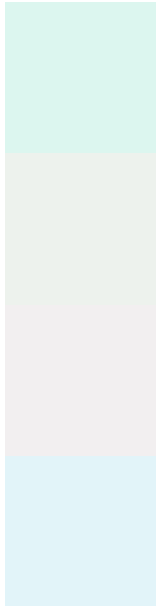
Protanopia
95, 3.216, 58.875

Deuteranopia
95, 7.790, 356.633



Tritanopia
95, 7.757, 258.918

Trichromacy



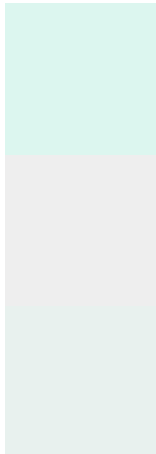
Original Color
95, 9.768, 177.203

Protanomaly
95, 3.125, 144.422

Deuteranomaly
95, 1.190, 353.354

Tritanomaly
95, 6.634, 221.950

Monochromacy



Original Color
95, 9.768, 177.203

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 3.535, 173.504

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 9.768, 177.203 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(220, 246, 239)` looks like.

```
.text, #text, p{  
    color:rgb(220, 246, 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(220, 246, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 246, 239) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 9.768, 177.203 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(220, 246, 239) }
```

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

```
.border{ border-color:rgb(220, 246, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 246, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 246, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 246, 239);  
box-shadow:4px 4px 4px 4px rgb(220, 246,  
239) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 9.768, 177.203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 246, 239) }
```

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

```
.background{ background-color: rgb(220,  
246, 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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