

Converting Colors

CIELCh(97, 5.957, 179.027)

Have a look what the booklet for
CIELCh(97, 5.957, 179.027) contains.

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Color

CIELCh(97, 5.952, 179.030)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | EAF6F6 |
| RGB | 234, 250, 246 |
| RGB Percent | 92%, 98%, 96% |
| CMY | 0.0827, 0.0199, 0.0356 |
| CMYK | 0.06, 0.00, 0.02, 0.02 |
| HSL | 165°, 61%, 95% |
| HSV | 165°, 6%, 98% |
| XYZ | 84.6804, 92.4403, 100.4957 |
| YIQ | 244.7600, -8.2520, -4.6360 |

Conversions

Conversions Part 2

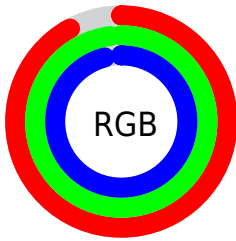
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 234, 243, 250 |
| Decimal | 15399670 |
| CIE _{Lab} | 97.00, -5.95, 0.10 |
| CIE _{LCh} | 97, 5.952, 179.030 |
| Yxy | 92.4403, 0.3050, 0.3330 |
| Android (android.graphics.Color) | 4293589750 (0xFFEAF6) |
| YUV | 244.7600, 0.6113, -9.4365 |
| Hunter-Lab | 96.1459, -11.0416, 5.3297 |

Details

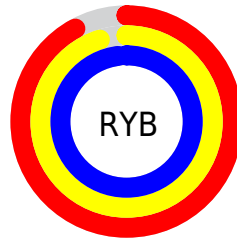
The CIELCh color **97, 5.952, 179.030** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **94, 6.090, 0.013**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **77, 6.234, 178.848** is the 20% darker color. If you saturate the color by 10%, you get **95, 15.089, 177.998**, and if you desaturate by 10%, it is **99, 2.137, 346.819**.

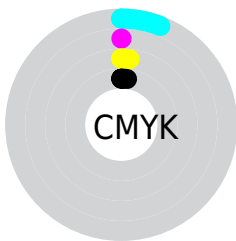
Distribution



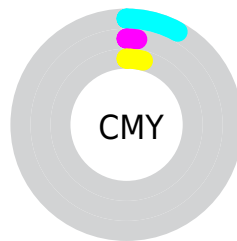
- Red (92%)
- Green (98%)
- Blue (96%)



- Red (92%)
- Yellow (95%)
- Blue (98%)



- Cyan (6%)
- Magenta (0%)
- Yellow (2%)
- Black (2%)



- Cyan (8%)
- Magenta (2%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 5.952, 179.030 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 97, 5.952, 179.030 by changing the saturation by 10% instead.

97, 5.952, 179.030

97, 5.952, 179.030

100, 5.952,
179.030

87, 5.952, 179.030

77, 5.952, 179.030

67, 5.952, 179.030

57, 5.952, 179.030

47, 5.952, 179.030

37, 5.952, 179.030

27, 5.952, 179.030

17, 5.952, 179.030

7, 5.952, 179.030

97, 5.952, 179.030

97, 5.952, 179.030

95, 15.089,
177.998

99, 2.137, 346.819

99, 3.167, 324.455

94, 23.895,
176.961

92, 32.221,
175.851

91, 39.908,
174.647

90, 46.800,
173.324

89, 52.769,
171.857

89, 57.735,
170.222

88, 61.690,
168.399

 88, 64.724,
166.385

Harmonies

Complementary

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



97, 5.952, 179.030



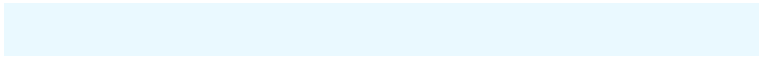
94, 6.090, 0.013

Rectangle

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



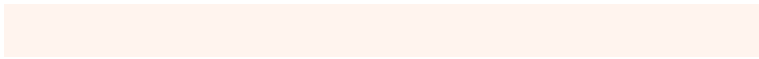
97, 5.952, 179.030



97, 5.952, 229.030



97, 5.952, 359.030



97, 5.952, 49.030

Sweetspot

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



97, 5.954, 179.016



100, 1.893, 179.636



97, 9.200, 136.526



53, 1.076, 179.661



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

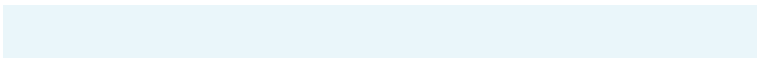
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 5.954, 179.016



98, 7.551, 178.847



96, 4.614, 223.816



51, 5.271, 178.694



68, 52.893, 166.030



22, 22.982, 168.967

Inverse Universe

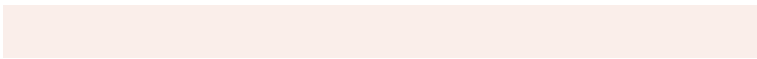
The Inverse Universe completely reimagines the original color for something new.



94, 6.090, 0.013



95, 7.763, 0.192



95, 4.791, 43.049



49, 5.445, 0.356



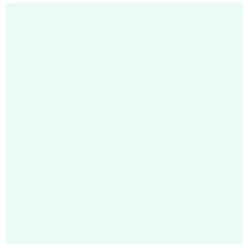
40, 71.865, 25.550



9, 30.759, 15.122

Previews

White Background



This preview shows how the CIELCh color 97, 5.952, 179.030 looks on a white background.

Color Contrast Check

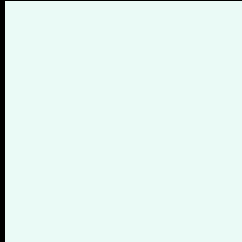
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 97, 5.952, 179.030 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

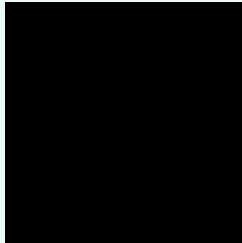
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

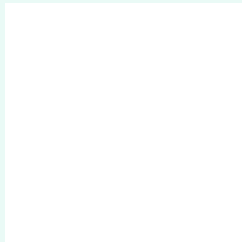
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 97, 5.952, 179.030

Background



This preview shows how black text looks on a background with the CIELCh color 97, 5.952, 179.030.

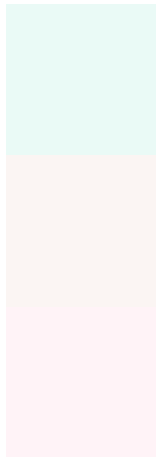


This preview shows how white text looks on a background with the CIELCh color 97, 5.952, 179.030.

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

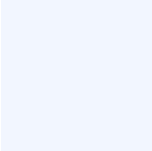
97, 5.952, 179.030

Protanopia

97, 2.346, 45.010

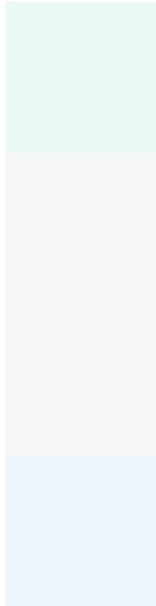
Deuteranopia

97, 4.729, 354.009



Tritanopia
97, 4.790, 273.817

Trichromacy



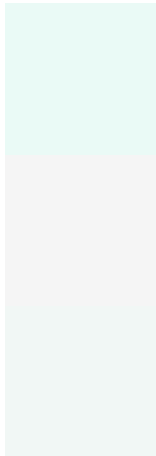
Original Color
97, 5.952, 179.030

Protanomaly
97, 1.683, 134.739

Deuteranomaly
97, 0.634, 323.988

Tritanomaly
97, 3.737, 242.701

Monochromacy



Original Color
97, 5.952, 179.030

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 2.345, 173.704

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 5.952, 179.030 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(234, 250, 246)` looks like.

```
.text, #text, p{  
    color:rgb(234, 250, 246)  
}
```

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(234, 250, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 250, 246) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 5.952, 179.030 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(234, 250, 246) }
```

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

```
.border{ border-color:rgb(234, 250, 246) }
```

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

Here you see how a box with a 4 pixel rgb(234, 250, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 250, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 250, 246);  
box-shadow:4px 4px 4px 4px rgb(234, 250,  
246) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 5.952, 179.030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 250, 246) }
```

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

```
.background{ background-color: rgb(234,  
250, 246) }
```

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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