

Converting Colors

CIE LCh(96, 6.111, 194.498)

Have a look what the booklet for
CIELCh(96, 6.111, 194.498) contains.

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Color

CIELCh(96, 5.914, 194.150)

Conversions

Conversions Part 1

Format	Color
Hex	E6F7F6
RGB	230, 247, 246
RGB Percent	90%, 97%, 96%
CMY	0.0980, 0.0313, 0.0352
CMYK	0.07, 0.00, 0.00, 0.03
HSL	176°, 52%, 94%
HSV	176°, 7%, 97%
XYZ	82.5371, 90.0078, 100.2209
YIQ	241.8030, -9.8110, -3.9150

Conversions

Conversions Part 2

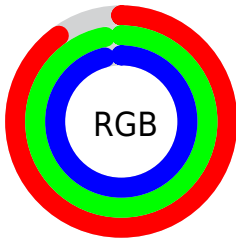
Format	Color
R _Y B	230, 239, 247
Decimal	15136758
CIE Lab	96.00, -5.73, -1.45
CIE LCh	96, 5.914, 194.150
Yxy	90.0078, 0.3026, 0.3300
Android (android.graphics.Color)	4293326838 (0xFFE6F7F6)
YUV	241.8030, 2.0691, -10.3512
Hunter-Lab	94.8724, -10.7354, 3.7782

Details

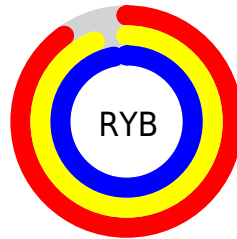
The CIELCh color **96, 5.914, 194.150** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **93, 6.150, 14.922**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 6.182, 193.997** is the 20% darker color. If you saturate the color by 10%, you get **94, 14.172, 193.380**, and if you desaturate by 10%, it is **98, 2.731, 14.489**.

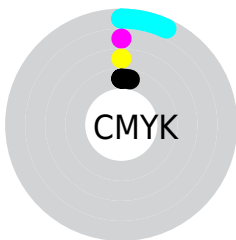
Distribution



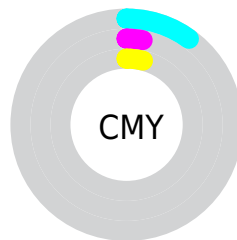
- Red (90%)
- Green (97%)
- Blue (96%)



- Red (90%)
- Yellow (94%)
- Blue (97%)



- Cyan (7%)
- Magenta (0%)
- Yellow (0%)
- Black (3%)




- Cyan (10%)
- Magenta (3%)
- Yellow (4%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 5.914, 194.150 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 96, 5.914, 194.150 by changing the saturation by 10% instead.

 96, 5.914, 194.150

 96, 5.914, 194.150

 100, 5.914,
194.150

 86, 5.914, 194.150

 76, 5.914, 194.150

 66, 5.914, 194.150

 56, 5.914, 194.150

 46, 5.914, 194.150

 36, 5.914, 194.150

 26, 5.914, 194.150

 16, 5.914, 194.150

 6, 5.914, 194.150

96, 5.914, 194.150

96, 5.914, 194.150

94, 14.172,
193.380

98, 2.731, 14.489

93, 21.903,
192.684

98, 2.990, 0.369

92, 28.962,
192.006

98, 3.313, 348.179

91, 35.204,
191.339

98, 3.757, 338.515

90, 40.503,
190.675

98, 4.286, 331.072

89, 44.764,
190.006

98, 4.871, 325.350

89, 47.942,
189.319

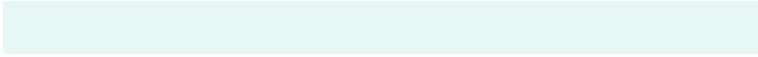
88, 50.065,
188.599

■ 88, 51.246,
187.833

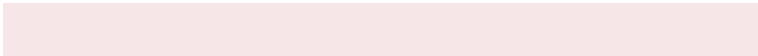
Harmonies

Complementary

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



96, 5.914, 194.150



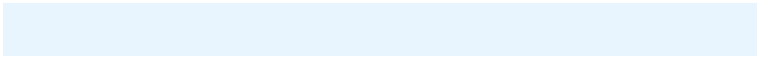
93, 6.150, 14.922

Rectangle

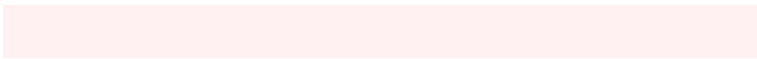
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



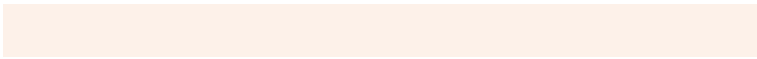
96, 5.914, 194.150



96, 5.914, 244.150



96, 5.914, 14.150



96, 5.914, 64.150

Sweetspot

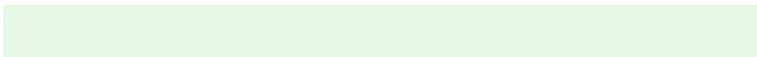
The Sweet Spot groups the original color and five complimentary colors.



96, 5.915, 194.132



100, 1.779, 194.731



96, 10.421, 142.303



53, 1.011, 194.757



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

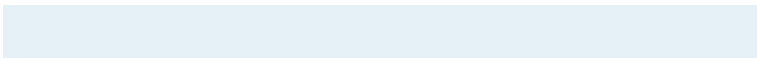
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 5.915, 194.132



99, 7.038, 194.039



94, 5.001, 248.780



50, 4.822, 193.923



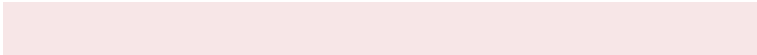
68, 41.609, 187.734



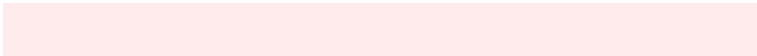
21, 18.360, 188.827

Inverse Universe

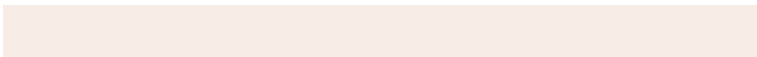
The Inverse Universe completely reimagines the original color for something new.



93, 6.150, 14.922



95, 7.364, 15.029



94, 5.112, 67.014



48, 5.088, 15.166



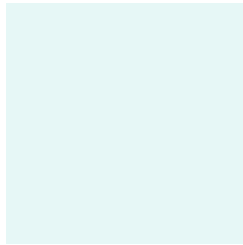
39, 80.077, 37.707



8, 30.660, 22.637

Previews

White Background



This preview shows how the CIELCh color 96, 5.914, 194.150 looks on a white background.

Color Contrast Check

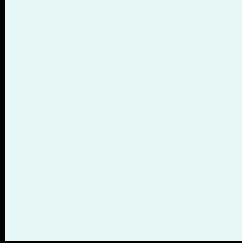
Large Text (above 18pt) WCAG AA × Fail

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 96, 5.914, 194.150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

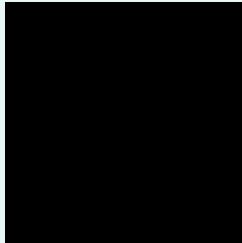
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

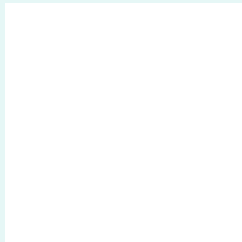
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 5.914, 194.150

Background



This preview shows how black text looks on a background with the CIELCh color 96, 5.914, 194.150.

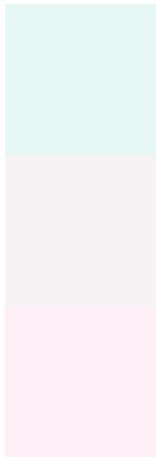


This preview shows how white text looks on a background with the CIELCh color 96, 5.914, 194.150.

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

96, 5.914, 194.150

Protanopia

96, 1.849, 3.110

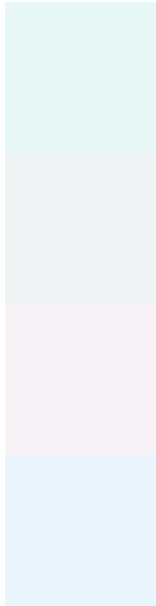
Deuteranopia

96, 6.732, 347.637



Tritanopia
96, 5.971, 270.445

Trichromacy



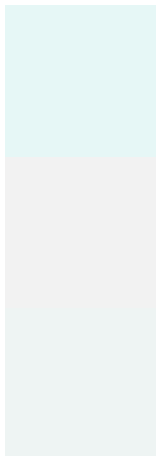
Original Color
96, 5.914, 194.150

Protanomaly
96, 1.051, 199.946

Deuteranomaly
96, 2.509, 324.412

Tritanomaly
96, 4.928, 246.175

Monochromacy



Original Color
96, 5.914, 194.150

Achromatopsia
95, 0.011, 296.813

Achromatomaly
96, 2.168, 185.892

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 5.914, 194.150 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(230, 247, 246)` looks like.

```
.text, #text, p{  
    color:rgb(230, 247, 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(230, 247, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 247, 246) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 5.914, 194.150 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(230, 247, 246) }
```

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

```
.border{ border-color:rgb(230, 247, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 247, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 247, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 247, 246);  
box-shadow:4px 4px 4px 4px rgb(230, 247,  
246) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 5.914, 194.150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 247, 246) }
```

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

```
.background{ background-color: rgb(230,  
247, 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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