

Converting Colors

CIE LCh(96, 4.503, 202.041)

Have a look what the booklet for
CIELCh(96, 4.503, 202.041) contains.

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Color

CIELCh(96, 4.524, 205.771)

Conversions

Conversions Part 1

Format	Color
Hex	E9F6F7
RGB	233, 246, 247
RGB Percent	91%, 96%, 97%
CMY	0.0860, 0.0350, 0.0311
CMYK	0.06, 0.00, 0.00, 0.03
HSL	184°, 47%, 94%
HSV	184°, 6%, 97%
XYZ	83.4020, 90.0078, 101.0285
YIQ	242.2270, -8.0690, -2.4450

Conversions

Conversions Part 2

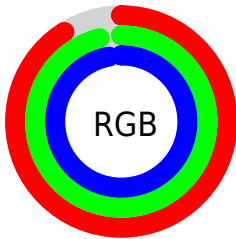
Format	Color
R _Y B	233, 240, 247
Decimal	15333111
CIE Lab	96.00, -4.07, -1.97
CIE LCh	96, 4.524, 205.771
Yxy	90.0078, 0.3039, 0.3280
Android (android.graphics.Color)	4293523191 (0xFFE9F6F7)
YUV	242.2270, 2.3531, -8.0921
Hunter-Lab	94.8724, -9.1080, 3.2735

Details

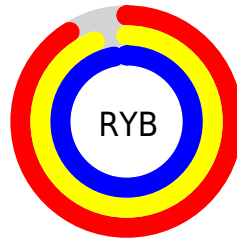
The CIELCh color **96, 4.524, 205.771** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **94, 4.692, 25.840**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 4.730, 205.697** is the 20% darker color. If you saturate the color by 10%, you get **94, 12.173, 205.403**, and if you desaturate by 10%, it is **98, 2.557, 28.029**.

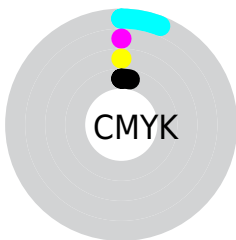
Distribution



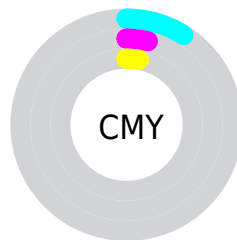
- Red (91%)
- Green (96%)
- Blue (97%)



- Red (91%)
- Yellow (94%)
- Blue (97%)



- Cyan (6%)
- Magenta (0%)
- Yellow (0%)
- Black (3%)



- Cyan (9%)
- Magenta (4%)
- Yellow (3%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 4.524, 205.771 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, 4.524, 205.771 by changing the saturation by 10% instead.

 96, 4.524, 205.771

 96, 4.524, 205.771

 100, 4.524,
205.771

 86, 4.524, 205.771

 76, 4.524, 205.771

 66, 4.524, 205.771

 56, 4.524, 205.771

 46, 4.524, 205.771

 36, 4.524, 205.771

 26, 4.524, 205.771

 16, 4.524, 205.771

 6, 4.524, 205.771

96, 4.524, 205.771

96, 4.524, 205.771

94, 12.173,
205.403

98, 2.557, 28.029

92, 19.283,
205.217

98, 2.285, 53.275

99, 2.507, 79.021

90, 25.722,
205.145

99, 3.119, 97.540

89, 31.356,
205.204

100, 3.941,
109.167

87, 36.064,
205.416

100, 4.010,
109.859

86, 39.753,
205.806

85, 42.375,
206.401

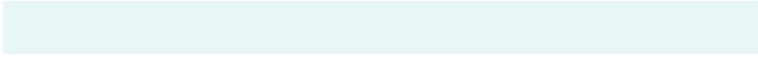
84, 43.948,
207.225

■ 84, 44.575,
208.293

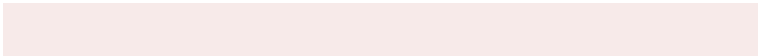
Harmonies

Complementary

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



96, 4.524, 205.771



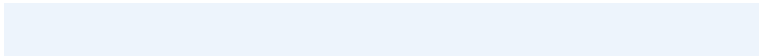
94, 4.692, 25.840

Rectangle

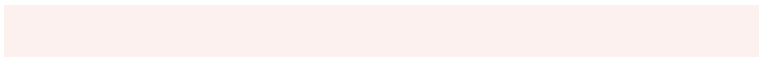
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



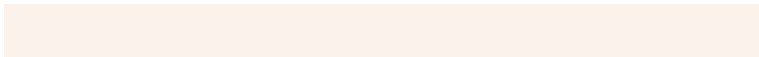
96, 4.524, 205.771



96, 4.524, 255.771



96, 4.524, 25.771



96, 4.524, 75.771

Sweetspot

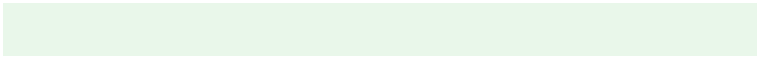
The Sweet Spot groups the original color and five complimentary colors.



96, 4.525, 205.744



100, 1.653, 206.113



96, 8.366, 145.989



53, 0.940, 206.137



0, 0.000, 0.000



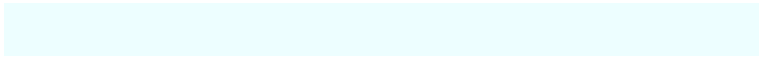
53, 0.007, 296.813

Same Dimension

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



96, 4.525, 205.744



98, 5.716, 205.679



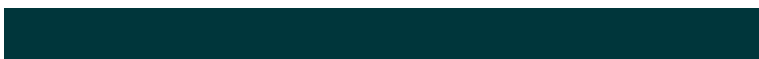
94, 4.563, 263.097



50, 3.586, 205.654



64, 36.155, 208.575



20, 16.237, 206.820

Inverse Universe

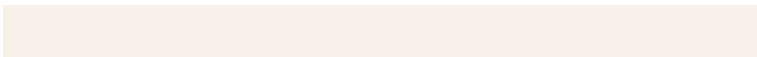
The Inverse Universe completely reimagines the original color for something new.



94, 8.362, 326.700



96, 10.606, 326.784



95, 4.585, 81.480



49, 6.667, 326.819



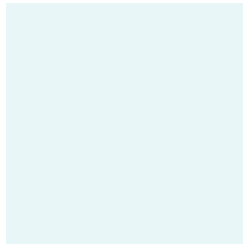
43, 86.273, 331.284



10, 38.642, 330.853

Previews

White Background



This preview shows how the CIE LCh color 96, 4.524, 205.771 looks on a white background.

Color Contrast Check

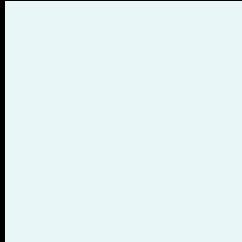
Large Text (above 18pt) WCAG AA × Fail

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 96, 4.524, 205.771 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

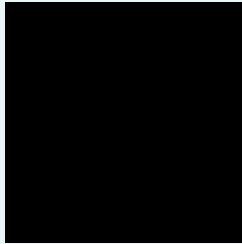
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

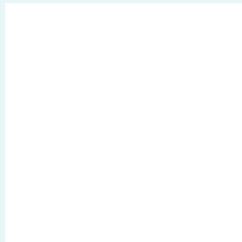
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 4.524, 205.771

Background



This preview shows how black text looks on a background with the CIELCh color 96, 4.524, 205.771.

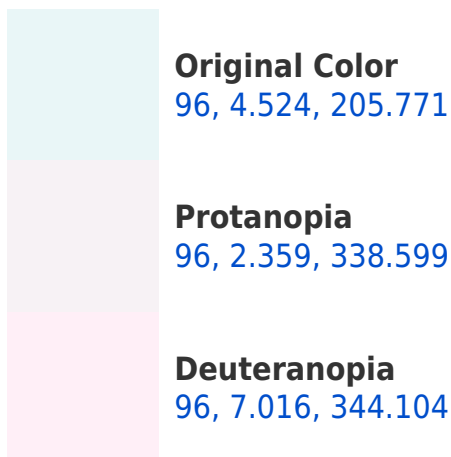


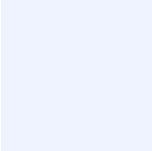
This preview shows how white text looks on a background with the CIELCh color 96, 4.524, 205.771.

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](#).

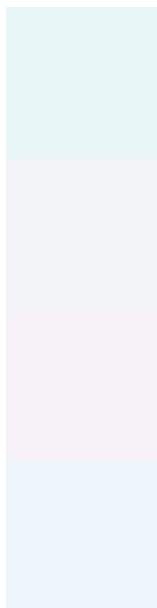
Dichromacy





Tritanopia
96, 6.286, 278.034

Trichromacy



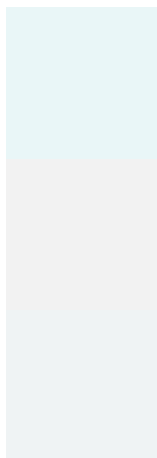
Original Color
96, 4.524, 205.771

Protanomaly
96, 1.581, 277.560

Deuteranomaly
96, 3.132, 324.457

Tritanomaly
96, 4.726, 259.800

Monochromacy



Original Color
96, 4.524, 205.771

Achromatopsia
95, 0.011, 296.813

Achromatomaly
96, 1.487, 219.948

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 4.524, 205.771 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(233, 246, 247)` looks like.

```
.text, #text, p{  
    color:rgb(233, 246, 247)  
}
```

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(233, 246, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 246, 247) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 4.524, 205.771 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(233, 246, 247) }
```

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

```
.border{ border-color:rgb(233, 246, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 246, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 246, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 246, 247);  
box-shadow:4px 4px 4px 4px rgb(233, 246,  
247) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 4.524, 205.771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 246, 247) }
```

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

```
.background{ background-color: rgb(233,  
246, 247) }
```

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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