

Converting Colors

CIELCh(96, 6.704, 182.428)

Have a look what the booklet for
CIELCh(96, 6.704, 182.428) contains.

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Color

CIELCh(96, 6.456, 185.289)

Conversions

Conversions Part 1

Format	Color
Hex	E5F7F4
RGB	229, 247, 244
RGB Percent	90%, 97%, 96%
CMY	0.1006, 0.0300, 0.0417
CMYK	0.07, 0.00, 0.01, 0.03
HSL	170°, 54%, 93%
HSV	170°, 7%, 97%
XYZ	82.1774, 90.0078, 98.9121
YIQ	241.2760, -9.7650, -4.7490

Conversions

Conversions Part 2

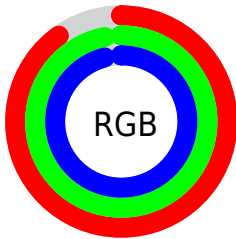
Format	Color
R _Y B	229, 239, 247
Decimal	15071220
CIE Lab	96.00, -6.43, -0.60
CIE LCh	96, 6.456, 185.289
Yxy	90.0078, 0.3031, 0.3320
Android (android.graphics.Color)	4293261300 (0xFFE5F7F4)
YUV	241.2760, 1.3429, -10.7661
Hunter-Lab	94.8724, -11.4121, 4.5962

Details

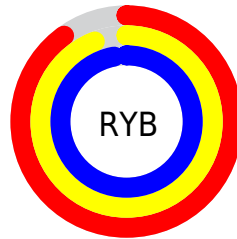
The CIELCh color **96, 6.456, 185.289** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **93, 6.668, 6.380**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 6.756, 185.095** is the 20% darker color. If you saturate the color by 10%, you get **94, 15.077, 184.329**, and if you desaturate by 10%, it is **98, 2.447, 5.791**.

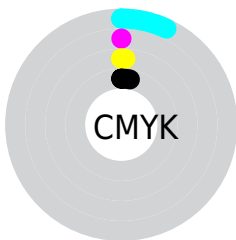
Distribution



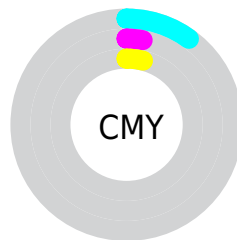
- Red (90%)
- Green (97%)
- Blue (96%)



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



- Cyan (7%)
- Magenta (0%)
- Yellow (1%)
- Black (3%)



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


Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 6.456, 185.289 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, 6.456, 185.289 by changing the saturation by 10% instead.

 96, 6.456, 185.289

 96, 6.456, 185.289

 100, 6.456,
185.289

 86, 6.456, 185.289

 76, 6.456, 185.289

 66, 6.456, 185.289

 56, 6.456, 185.289

 46, 6.456, 185.289

 36, 6.456, 185.289

 26, 6.456, 185.289

 16, 6.456, 185.289

 6, 6.456, 185.289

96, 6.456, 185.289

96, 6.456, 185.289

94, 15.077,
184.329

98, 2.447, 5.791

93, 23.275,
183.382

98, 3.815, 334.905

98, 4.756, 324.542

91, 30.902,
182.394

90, 37.805,
181.344

89, 43.843,
180.214

89, 48.903,
178.982

88, 52.925,
177.626

88, 55.920,
176.123

■ 88, 58.000,
174.466

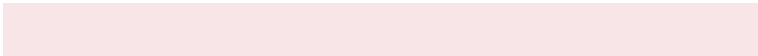
Harmonies

Complementary

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



96, 6.456, 185.289



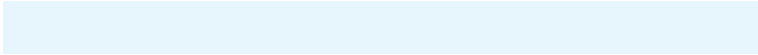
93, 6.668, 6.380

Rectangle

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



96, 6.456, 185.289



96, 6.456, 235.289



96, 6.456, 5.289



96, 6.456, 55.289

Sweetspot

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



96, 6.458, 185.275



100, 1.828, 185.979



96, 10.640, 138.991



53, 1.039, 186.005



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

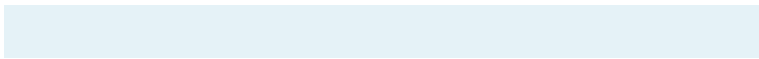
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 6.458, 185.275



98, 8.163, 185.105



95, 5.114, 234.327



51, 5.068, 185.058



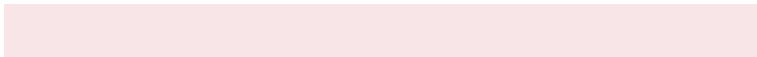
69, 47.560, 174.312



22, 20.966, 176.677

Inverse Universe

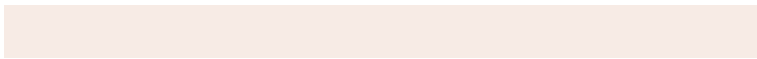
The Inverse Universe completely reimagines the original color for something new.



93, 6.668, 6.380



94, 8.491, 6.567



94, 5.305, 52.987



49, 5.283, 6.619



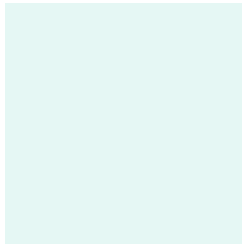
39, 75.812, 31.914



9, 31.155, 19.285

Previews

White Background



This preview shows how the CIE LCh color 96, 6.456, 185.289 looks on a white background.

Color Contrast Check

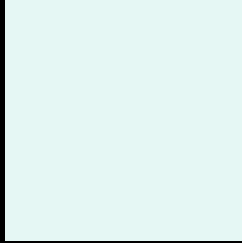
Large Text (above 18pt) WCAG AA × Fail

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, 6.456, 185.289 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

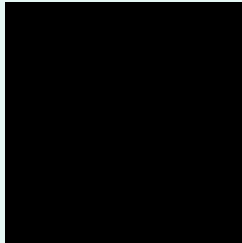
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

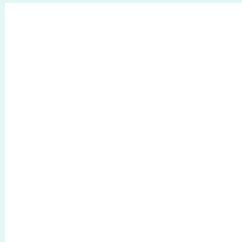
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 6.456, 185.289

Background



This preview shows how black text looks on a background with the CIELCh color 96, 6.456, 185.289.

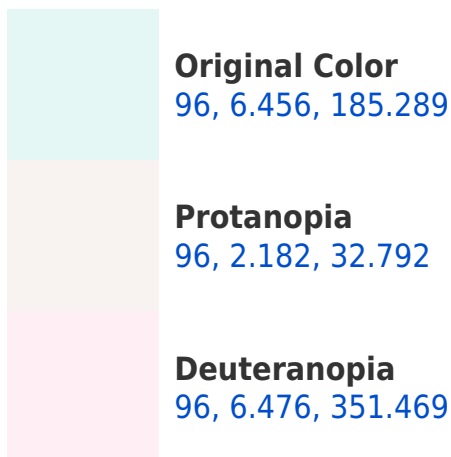


This preview shows how white text looks on a background with the CIELCh color 96, 6.456, 185.289.

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](#).

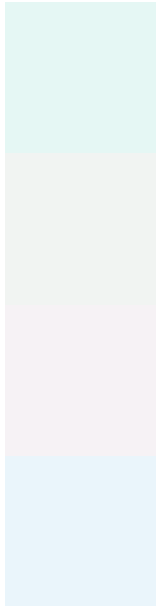
Dichromacy





Tritanopia
96, 6.091, 267.411

Trichromacy



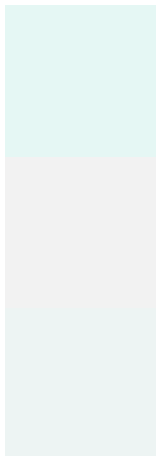
Original Color
96, 6.456, 185.289

Protanomaly
96, 1.472, 155.855

Deuteranomaly
96, 2.106, 332.266

Tritanomaly
96, 4.837, 238.883

Monochromacy



Original Color
96, 6.456, 185.289

Achromatopsia
95, 0.011, 296.813

Achromatomaly
96, 2.508, 187.706

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 6.456, 185.289 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(229, 247, 244)` looks like.

```
.text, #text, p{  
    color:rgb(229, 247, 244)  
}
```

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(229, 247, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 247, 244) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 6.456, 185.289 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(229, 247, 244) }
```

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

```
.border{ border-color:rgb(229, 247, 244) }
```

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

Here you see how a box with a 4 pixel rgb(229, 247, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 247, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 247, 244);  
box-shadow:4px 4px 4px 4px rgb(229, 247,  
244) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 6.456, 185.289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 247, 244) }
```

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

```
.background{ background-color: rgb(229,  
247, 244) }
```

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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