

Converting Colors

CIELCh(96, 5.782, 186.739)

Have a look what the booklet for
CIELCh(96, 5.782, 186.739) contains.

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Color

CIELCh(96, 5.662, 188.711)

Conversions

Conversions Part 1

Format	Color
Hex	E7F7F5
RGB	231, 247, 245
RGB Percent	91%, 97%, 96%
CMY	0.0946, 0.0318, 0.0397
CMYK	0.06, 0.00, 0.01, 0.03
HSL	172°, 50%, 94%
HSV	172°, 6%, 97%
XYZ	82.6087, 90.0078, 99.3146
YIQ	241.9880, -8.8940, -4.0140

Conversions

Conversions Part 2

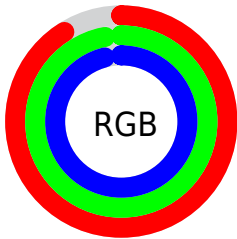
Format	Color
R _{YB}	231, 240, 247
Decimal	15202293
CIE Lab	96.00, -5.60, -0.86
CIE LCh	96, 5.662, 188.711
Yxy	90.0078, 0.3038, 0.3310
Android (android.graphics.Color)	4293392373 (0xFFE7F7F5)
YUV	241.9880, 1.4849, -9.6365
Hunter-Lab	94.8724, -10.6007, 4.3446

Details

The CIELCh color **96, 5.662, 188.711** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **93, 5.847, 9.563**, 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, 5.925, 188.543** is the 20% darker color. If you saturate the color by 10%, you get **94, 14.134, 187.800**, and if you desaturate by 10%, it is **98, 2.922, 8.451**.

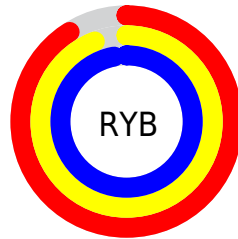
Distribution



Red (91%)

Green (97%)

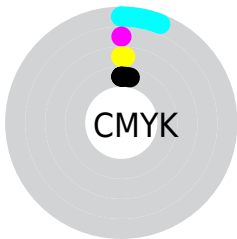
Blue (96%)



Red (91%)

Yellow (94%)

Blue (97%)

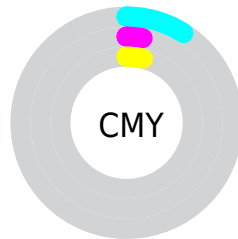


Cyan (6%)

Magenta (0%)

Yellow (1%)

Black (3%)



Cyan (9%)

Magenta (3%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 5.662, 188.711 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, 5.662, 188.711 by changing the saturation by 10% instead.

96, 5.662, 188.711

96, 5.662, 188.711

100, 5.662,
188.711

86, 5.662, 188.711

76, 5.662, 188.711

66, 5.662, 188.711

56, 5.662, 188.711

46, 5.662, 188.711

36, 5.662, 188.711

26, 5.662, 188.711

16, 5.662, 188.711

6, 5.662, 188.711

96, 5.662, 188.711

96, 5.662, 188.711

94, 14.134,
187.800

98, 2.922, 8.451

93, 22.151,
186.933

98, 3.582, 342.955

98, 4.702, 327.486

92, 29.569,
186.046

98, 5.048, 324.556

90, 36.238,
185.123

90, 42.019,
184.148

89, 46.803,
183.104

88, 50.533,
181.971

88, 53.220,
180.727

■ 88, 54.964,
179.360

Harmonies

Complementary

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



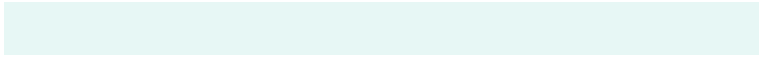
96, 5.662, 188.711



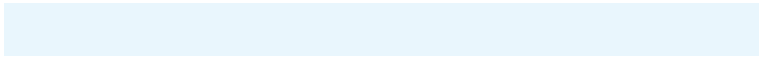
93, 5.847, 9.563

Rectangle

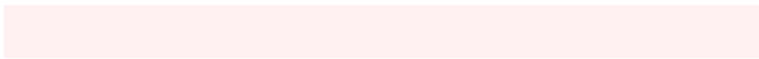
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



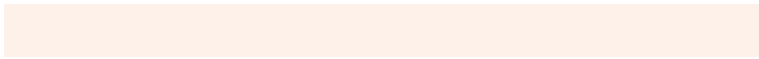
96, 5.662, 188.711



96, 5.662, 238.711



96, 5.662, 8.711



96, 5.662, 58.711

Sweetspot

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



96, 5.664, 188.694



100, 1.804, 189.301



96, 9.600, 140.477



53, 1.026, 189.328



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

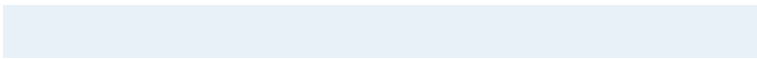
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 5.664, 188.694



99, 7.158, 188.547



95, 4.584, 240.581



50, 4.907, 188.413



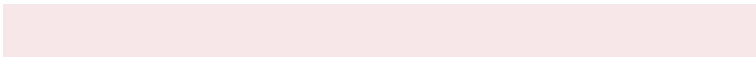
68, 44.740, 179.129



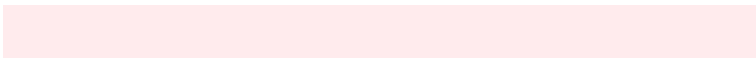
21, 19.512, 181.168

Inverse Universe

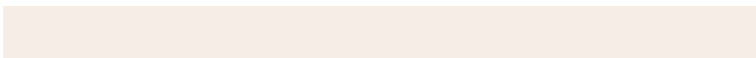
The Inverse Universe completely reimagines the original color for something new.



93, 5.847, 9.563



95, 7.443, 9.723



94, 4.711, 59.113



48, 5.139, 9.875



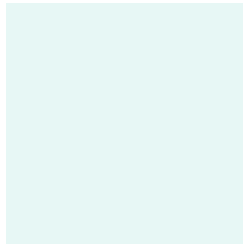
39, 77.090, 34.493



8, 30.314, 19.919

Previews

White Background



This preview shows how the CIELCh color 96, 5.662, 188.711 looks on a white background.

Color Contrast Check

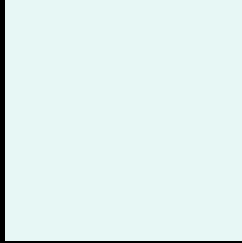
Large Text (above 18pt) WCAG AA × Fail

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, 5.662, 188.711 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

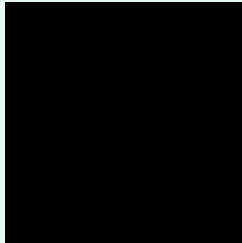
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

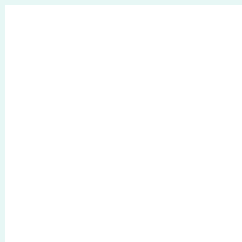
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 5.662, 188.711

Background



This preview shows how black text looks on a background with the CIELCh color 96, 5.662, 188.711.

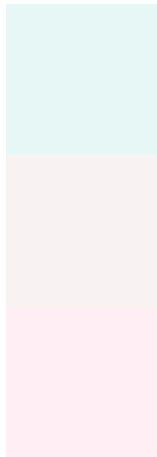


This preview shows how white text looks on a background with the CIELCh color 96, 5.662, 188.711.

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, 5.662, 188.711

Protanopia

96, 2.126, 19.247

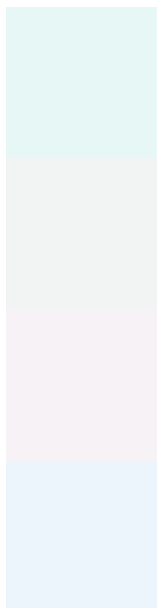
Deuteranopia

96, 6.476, 351.469



Tritanopia
96, 5.971, 270.445

Trichromacy



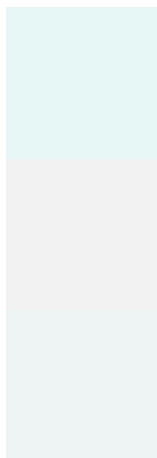
Original Color
96, 5.662, 188.711

Protanomaly
96, 0.868, 164.126

Deuteranomaly
96, 2.106, 332.266

Tritanomaly
96, 4.580, 241.613

Monochromacy



Original Color
96, 5.662, 188.711

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, 5.662, 188.711 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(231, 247, 245)` looks like.

```
.text, #text, p{  
    color:rgb(231, 247, 245)  
}
```

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(231, 247, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 247, 245) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 5.662, 188.711 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(231, 247, 245) }
```

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

```
.border{ border-color:rgb(231, 247, 245) }
```

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

Here you see how a box with a 4 pixel rgb(231, 247, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 247, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 247, 245);  
box-shadow:4px 4px 4px 4px rgb(231, 247,  
245) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 5.662, 188.711 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 247, 245) }
```

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

```
.background{ background-color: rgb(231,  
247, 245) }
```

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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