

Converting Colors

CIELCh(96, 6.802, 176.932)

Have a look what the booklet for
CIELCh(96, 6.802, 176.932) contains.

CIELCh(96, 6.802, 176.932)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(96, 6.802, 176.932)

Conversions

Conversions Part 1

Format	Color
Hex	E6F8F3
RGB	230, 248, 243
RGB Percent	90%, 97%, 95%
CMY	0.1000, 0.0294, 0.0490
CMYK	0.07, 0.00, 0.02, 0.03
HSL	163°, 55%, 94%
HSV	163°, 7%, 97%
XYZ	81.9893, 90.0078, 97.4499
YIQ	242.0480, -9.1230, -5.3710

Conversions

Conversions Part 2

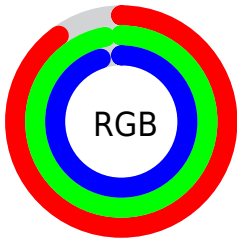
Format	Color
R_{YB}	230, 240, 248
Decimal	15137011
CIE _{Lab}	96.00, -6.79, 0.36
CIE _{LCh}	96, 6.802, 176.932
Yxy	90.0078, 0.3043, 0.3340
Android (android.graphics.Color)	4293327091 (0xFFE6F8F3)
YUV	242.0480, 0.4693, -10.5661
Hunter-Lab	94.8724, -11.7660, 5.5099

Details

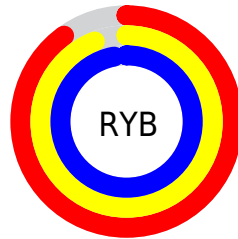
The CIELCh color **96, 6.802, 176.932** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **93, 6.964, 358.117**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 7.127, 176.728** is the 20% darker color. If you saturate the color by 10%, you get **94, 16.006, 175.899**, and if you desaturate by 10%, it is **98, 2.576, 357.529**.

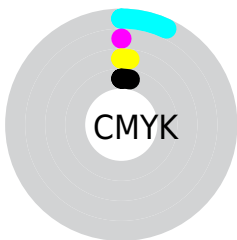
Distribution



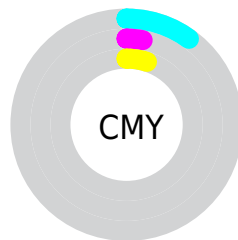
- Red (90%)
- Green (97%)
- Blue (95%)



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



- Cyan (7%)
- Magenta (0%)
- Yellow (2%)
- Black (3%)



- Cyan (10%)
- Magenta (3%)
- Yellow (5%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 6.802, 176.932 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, 6.802, 176.932 by changing the saturation by 10% instead.

 96, 6.802, 176.932

 96, 6.802, 176.932

 100, 6.802,
176.932

 86, 6.802, 176.932

 76, 6.802, 176.932

 66, 6.802, 176.932

 56, 6.802, 176.932

 46, 6.802, 176.932

 36, 6.802, 176.932

 26, 6.802, 176.932

 16, 6.802, 176.932

 6, 6.802, 176.932

96, 6.802, 176.932

96, 6.802, 176.932

94, 16.006,
175.899

98, 2.576, 357.529

98, 4.668, 324.538

93, 24.896,
174.841

91, 33.323,
173.700

90, 41.125,
172.453

89, 48.149,
171.076

88, 54.264,
169.543

88, 59.393,
167.829

87, 63.531,
165.918

■ 87, 66.779,
163.815

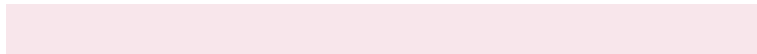
Harmonies

Complementary

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



96, 6.802, 176.932



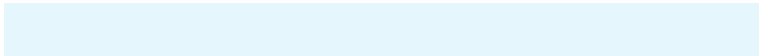
93, 6.964, 358.117

Rectangle

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



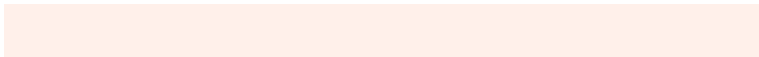
96, 6.802, 176.932



96, 6.802, 226.932



96, 6.802, 356.932



96, 6.802, 46.932

Sweetspot

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



96, 6.804, 176.921



100, 1.920, 177.629



96, 10.322, 135.966



53, 1.092, 177.653



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

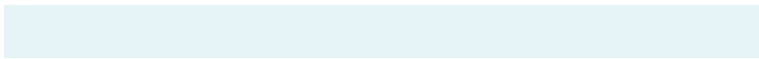
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 6.804, 176.921



98, 8.617, 176.740



95, 5.224, 221.803



51, 5.352, 176.690



68, 54.804, 163.623



22, 23.709, 166.687

Inverse Universe

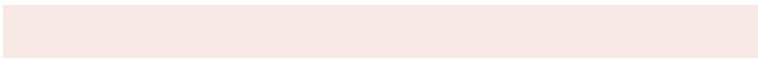
The Inverse Universe completely reimagines the original color for something new.



93, 6.964, 358.117



94, 8.864, 358.309



93, 5.459, 41.111



49, 5.514, 358.362



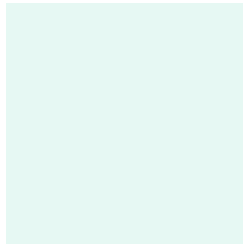
40, 70.749, 23.171



9, 30.647, 13.458

Previews

White Background



This preview shows how the CIE LCh color 96, 6.802, 176.932 looks on a white background.

Color Contrast Check

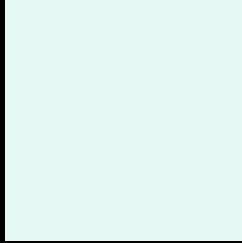
Large Text (above 18pt) WCAG AA × Fail

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, 6.802, 176.932 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

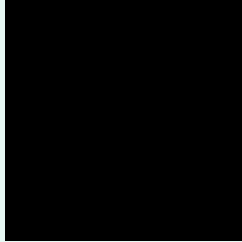
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

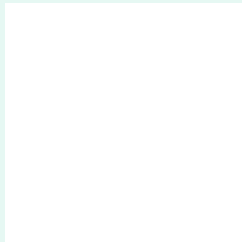
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 6.802, 176.932

Background



This preview shows how black text looks on a background with the CIELCh color 96, 6.802, 176.932.

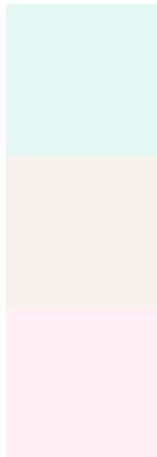


This preview shows how white text looks on a background with the CIELCh color 96, 6.802, 176.932.

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, 6.802, 176.932

Protanopia

96, 2.612, 55.189

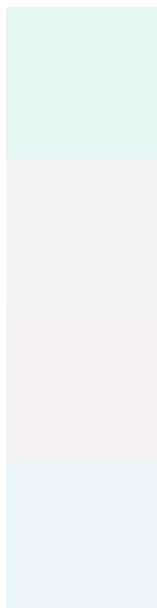
Deuteranopia

96, 6.252, 355.599



Tritanopia
96, 5.971, 270.445

Trichromacy



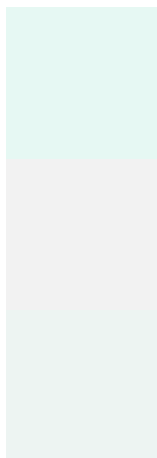
Original Color
96, 6.802, 176.932

Protanomaly
96, 2.307, 137.323

Deuteranomaly
96, 1.513, 359.286

Tritanomaly
96, 4.266, 236.348

Monochromacy



Original Color
96, 6.802, 176.932

Achromatopsia
95, 0.011, 296.813

Achromatomaly
96, 2.670, 176.905

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 6.802, 176.932 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, 248, 243)` looks like.

```
.text, #text, p{  
    color:rgb(230, 248, 243)  
}
```

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, 248, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 248, 243) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 6.802, 176.932 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, 248, 243) }
```

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

```
.border{ border-color:rgb(230, 248, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 248, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 248, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 248, 243);  
box-shadow:4px 4px 4px 4px rgb(230, 248,  
243) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 6.802, 176.932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 248, 243) }
```

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

```
.background{ background-color: rgb(230,  
248, 243) }
```

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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