

Converting Colors

CIELCh(95, 6.818, 176.924)

Have a look what the booklet for
CIELCh(95, 6.818, 176.924) contains.

CIELCh(95, 6.818, 176.924)	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(95, 6.818, 176.924)

Conversions

Conversions Part 1

Format	Color
Hex	E3F5F0
RGB	227, 245, 240
RGB Percent	89%, 96%, 94%
CMY	0.1113, 0.0407, 0.0603
CMYK	0.07, 0.00, 0.02, 0.04
HSL	163°, 46%, 92%
HSV	163°, 7%, 96%
XYZ	79.7739, 87.6183, 94.8554
YIQ	239.0480, -9.1230, -5.3710

Conversions

Conversions Part 2

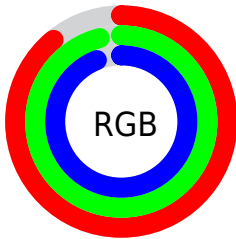
Format	Color
R _Y B	227, 237, 245
Decimal	14939632
CIE Lab	95.00, -6.81, 0.37
CIE LCh	95, 6.818, 176.924
Yxy	87.6183, 0.3042, 0.3341
Android (android.graphics.Color)	4293129712 (0xFFE3F5F0)
YUV	239.0480, 0.4693, -10.5661
Hunter-Lab	93.6047, -11.6829, 5.4411

Details

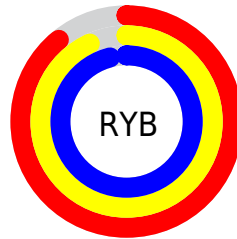
The CIELCh color **95, 6.818, 176.924** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **92, 6.982, 358.127**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **75, 6.816, 175.615** is the 20% darker color. If you saturate the color by 10%, you get **93, 15.933, 175.892**, and if you desaturate by 10%, it is **97, 2.471, 357.515**.

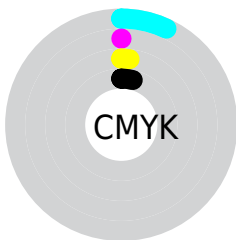
Distribution



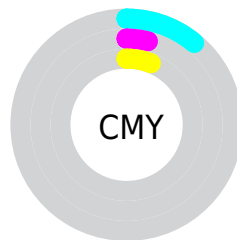
- Red (89%)
- Green (96%)
- Blue (94%)



- Red (89%)
- Yellow (93%)
- Blue (96%)



- Cyan (7%)
- Magenta (0%)
- Yellow (2%)
- Black (4%)





- Cyan (11%)
- Magenta (4%)
- Yellow (6%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 6.818, 176.924 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 95, 6.818, 176.924 by changing the saturation by 10% instead.

 95, 6.818, 176.924


 95, 6.818, 176.924

 100, 6.818,
176.924

 85, 6.818, 176.924

 75, 6.818, 176.924

 65, 6.818, 176.924

 55, 6.818, 176.924

 45, 6.818, 176.924

 35, 6.818, 176.924

 25, 6.818, 176.924

 15, 6.818, 176.924

 5, 6.818, 176.924

95, 6.818, 176.924

95, 6.818, 176.924

93, 15.933,
175.892

97, 2.471, 357.515

92, 24.737,
174.834

97, 5.735, 329.724

97, 6.457, 324.619

90, 33.080,
173.693

89, 40.805,
172.447

88, 47.758,
171.070

87, 53.811,
169.537

87, 58.888,
167.823

86, 62.983,
165.912

■ 86, 66.199,
163.811

Harmonies

Complementary

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



95, 6.818, 176.924



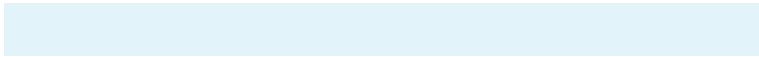
92, 6.982, 358.127

Rectangle

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



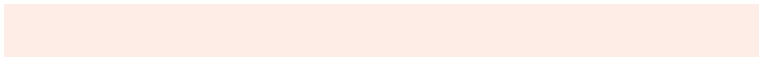
95, 6.818, 176.924



95, 6.818, 226.924



95, 6.818, 356.924



95, 6.818, 46.924

Sweetspot

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



95, 6.820, 176.913



100, 1.920, 177.629



95, 10.347, 135.962



53, 1.092, 177.654



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

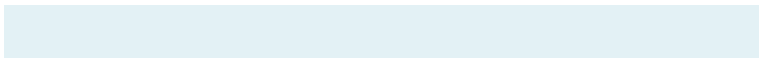
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 6.820, 176.913



98, 8.617, 176.741



94, 5.236, 221.806



50, 5.262, 176.693



67, 54.233, 163.646



21, 23.006, 166.866

Inverse Universe

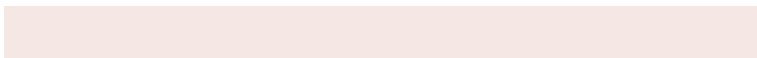
The Inverse Universe completely reimagines the original color for something new.



92, 6.982, 358.127



94, 8.864, 358.310



92, 5.474, 41.111



48, 5.421, 358.361



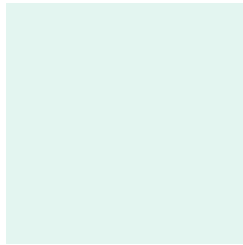
39, 70.011, 23.112



9, 29.732, 12.578

Previews

White Background



This preview shows how the CIELCh color 95, 6.818, 176.924 looks on a white background.

Color Contrast Check

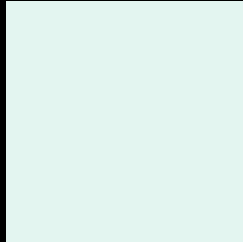
Large Text (above 18pt) WCAG AA × Fail

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 95, 6.818, 176.924 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

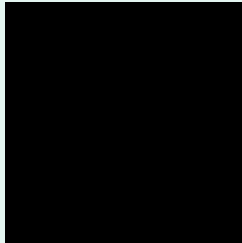
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

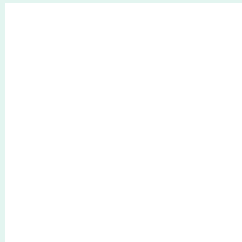
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 6.818, 176.924

Background



This preview shows how black text looks on a background with the CIELCh color 95, 6.818, 176.924.

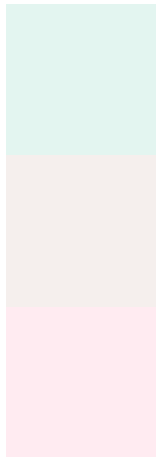


This preview shows how white text looks on a background with the CIELCh color 95, 6.818, 176.924.

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

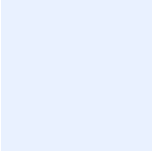
95, 6.818, 176.924

Protanopia

95, 2.357, 45.013

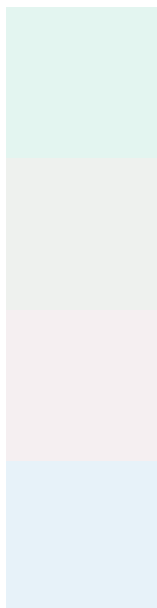
Deuteranopia

95, 7.790, 356.633



Tritanopia
95, 7.647, 269.812

Trichromacy



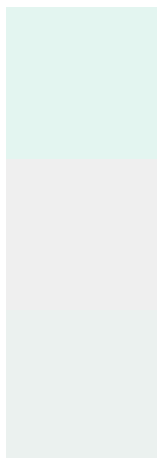
Original Color
95, 6.818, 176.924

Protanomaly
95, 1.871, 144.531

Deuteranomaly
95, 2.374, 353.688

Tritanomaly
95, 5.177, 243.419

Monochromacy



Original Color
95, 6.818, 176.924

Achromatopsia
94, 0.011, 296.813

Achromatomaly
95, 2.356, 173.694

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 6.818, 176.924 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(227, 245, 240)` looks like.

```
.text, #text, p{  
    color:rgb(227, 245, 240)  
}
```

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(227, 245, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 245, 240) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 6.818, 176.924 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(227, 245, 240) }
```

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

```
.border{ border-color:rgb(227, 245, 240) }
```

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

Here you see how a box with a 4 pixel rgb(227, 245, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 245, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 245, 240);  
box-shadow:4px 4px 4px 4px rgb(227, 245,  
240) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 6.818, 176.924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 245, 240) }
```

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

```
.background{ background-color: rgb(227,  
245, 240) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor