

Converting Colors

CIELCh(95, 4.493, 179.195)

Have a look what the booklet for
CIELCh(95, 4.493, 179.195) contains.

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Color

CIELCh(95, 4.493, 179.195)

Conversions

Conversions Part 1

Format	Color
Hex	E7F3F0
RGB	231, 243, 240
RGB Percent	91%, 95%, 94%
CMY	0.0930, 0.0459, 0.0577
CMYK	0.05, 0.00, 0.01, 0.05
HSL	165°, 34%, 93%
HSV	165°, 5%, 95%
XYZ	80.9546, 87.6183, 95.3071
YIQ	239.0700, -6.1890, -3.4770

Conversions

Conversions Part 2

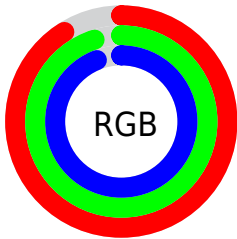
Format	Color
R _Y B	231, 238, 243
Decimal	15201264
CIE Lab	95.00, -4.49, 0.06
CIE LCh	95, 4.493, 179.195
Yxy	87.6183, 0.3068, 0.3320
Android (android.graphics.Color)	4293391344 (0xFFE7F3F0)
YUV	239.0700, 0.4585, -7.0774
Hunter-Lab	93.6047, -9.4312, 5.1549

Details

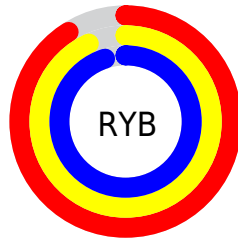
The CIELCh color **95, 4.493, 179.195** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **93, 4.578, 359.836**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **75, 4.715, 179.040** is the 20% darker color. If you saturate the color by 10%, you get **93, 13.470, 178.144**, and if you desaturate by 10%, it is **97, 4.447, 358.843**.

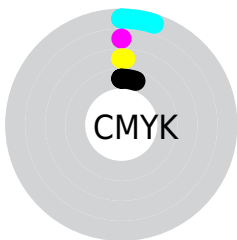
Distribution



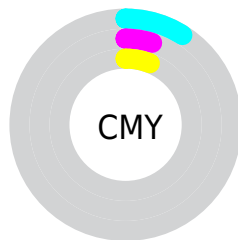
- Red (91%)
- Green (95%)
- Blue (94%)



- Red (91%)
- Yellow (93%)
- Blue (95%)



- Cyan (5%)
- Magenta (0%)
- Yellow (1%)
- Black (5%)



- Cyan (9%)
- Magenta (5%)
- Yellow (6%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 4.493, 179.195 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, 4.493, 179.195 by changing the saturation by 10% instead.

 95, 4.493, 179.195

 95, 4.493, 179.195

 100, 4.493,
179.195

 85, 4.493, 179.195

 75, 4.493, 179.195

 65, 4.493, 179.195

 55, 4.493, 179.195

 45, 4.493, 179.195

 35, 4.493, 179.195

 25, 4.493, 179.195

 15, 4.493, 179.195

 5, 4.493, 179.195

95, 4.493, 179.195

95, 4.493, 179.195

93, 13.470,
178.144

97, 4.447, 358.843

92, 22.144,
177.115

97, 6.270, 331.342

97, 7.292, 324.653

90, 30.372,
176.020

89, 37.999,
174.833

88, 44.872,
173.532

87, 50.861,
172.091

87, 55.877,
170.486

86, 59.901,
168.696

■ 86, 63.003,
166.714

Harmonies

Complementary

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



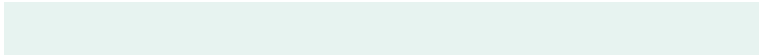
95, 4.493, 179.195



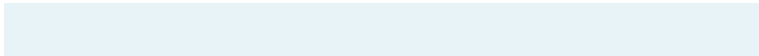
93, 4.578, 359.836

Rectangle

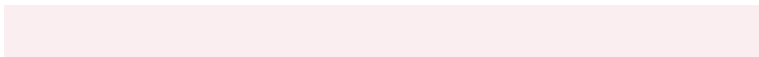
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



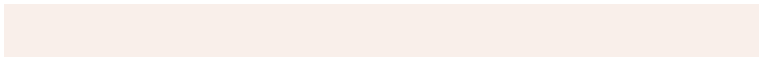
95, 4.493, 179.195



95, 4.493, 229.195



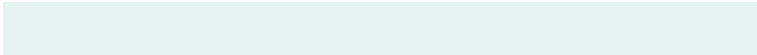
95, 4.493, 359.195



95, 4.493, 49.195

Sweetspot

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



95, 4.495, 179.177



100, 0.945, 180.036



95, 6.930, 136.599



53, 0.537, 180.074



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, 4.495, 179.177



99, 5.673, 179.055



94, 3.492, 223.788



51, 3.637, 178.987



67, 52.349, 166.044



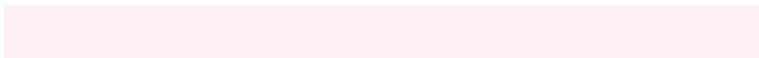
21, 22.308, 169.132

Inverse Universe

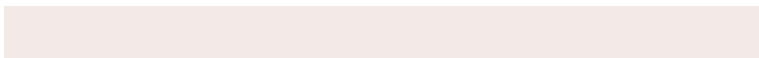
The Inverse Universe completely reimagines the original color for something new.



93, 4.578, 359.836



96, 5.795, 359.963



93, 3.591, 43.059



49, 3.723, 0.034



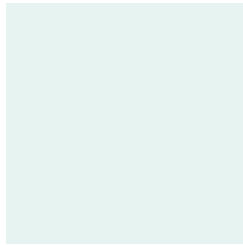
39, 71.108, 25.485



9, 29.816, 14.166

Previews

White Background



This preview shows how the CIE LCh color 95, 4.493, 179.195 looks on a white background.

Color Contrast Check

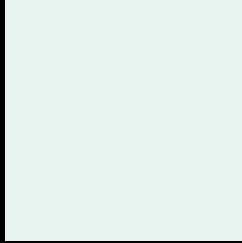
Large Text (above 18pt) WCAG AA × Fail

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, 4.493, 179.195 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

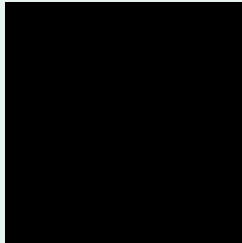
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

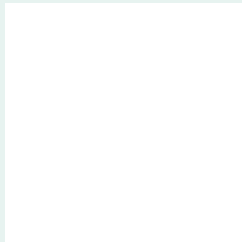
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 4.493, 179.195

Background



This preview shows how black text looks on a background with the CIELCh color 95, 4.493, 179.195.

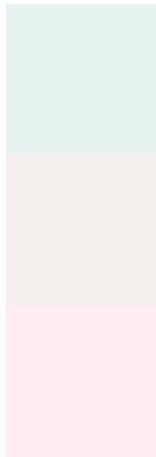


This preview shows how white text looks on a background with the CIELCh color 95, 4.493, 179.195.

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, 4.493, 179.195

Protanopia

95, 2.187, 32.796

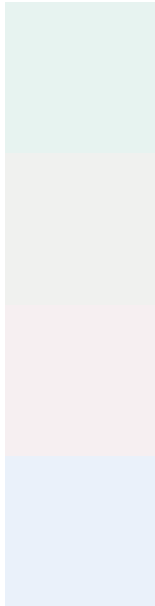
Deuteranopia

95, 7.455, 355.504



Tritanopia
95, 7.810, 280.681

Trichromacy



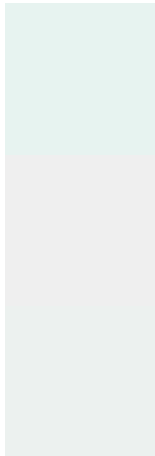
Original Color
95, 4.493, 179.195

Protanomaly
95, 1.078, 129.159

Deuteranomaly
95, 2.698, 357.012

Tritanomaly
95, 5.182, 262.784

Monochromacy



Original Color
95, 4.493, 179.195

Achromatopsia
94, 0.011, 296.813

Achromatomaly
95, 2.045, 169.481

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 4.493, 179.195 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, 243, 240)` looks like.

```
.text, #text, p{  
    color:rgb(231, 243, 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(231, 243, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 243, 240) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 4.493, 179.195 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, 243, 240) }
```

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

```
.border{ border-color:rgb(231, 243, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 243, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 243, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 243, 240);  
box-shadow:4px 4px 4px 4px rgb(231, 243,  
240) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 4.493, 179.195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 243, 240) }
```

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

```
.background{ background-color: rgb(231,  
243, 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](#).

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