

Converting Colors

CIELCh(95, 4.397, 168.138)

Have a look what the booklet for
CIELCh(95, 4.397, 168.138) contains.

CIELCh(95, 4.395, 171.417)	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, 4.395, 171.417)

Conversions

Conversions Part 1

Format	Color
Hex	E8F3EF
RGB	232, 243, 239
RGB Percent	91%, 95%, 94%
CMY	0.0896, 0.0464, 0.0621
CMYK	0.05, 0.00, 0.02, 0.05
HSL	158°, 32%, 93%
HSV	158°, 5%, 95%
XYZ	81.0299, 87.6183, 94.4239
YIQ	239.2550, -5.2720, -3.5760

Conversions

Conversions Part 2

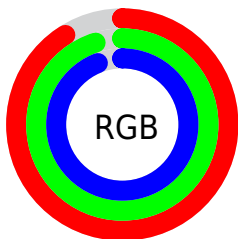
Format	Color
R _Y B	232, 239, 243
Decimal	15266799
CIE Lab	95.00, -4.35, 0.66
CIE LCh	95, 4.395, 171.417
Yxy	87.6183, 0.3080, 0.3331
Android (android.graphics.Color)	4293456879 (0xFFE8F3EF)
YUV	239.2550, -0.1257, -6.3626
Hunter-Lab	93.6047, -9.2877, 5.7143

Details

The CIELCh color **95, 4.395, 171.417** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **93, 4.453, 351.984**, 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, 4.616, 171.275** is the 20% darker color. If you saturate the color by 10%, you get **93, 14.061, 170.370**, and if you desaturate by 10%, it is **97, 4.880, 349.161**.

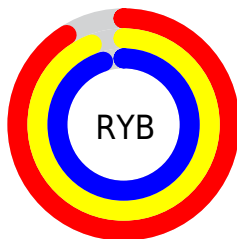
Distribution



Red (91%)

Green (95%)

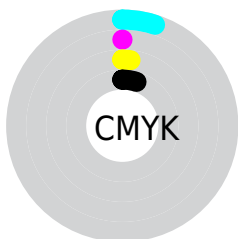
Blue (94%)



Red (91%)

Yellow (94%)

Blue (95%)

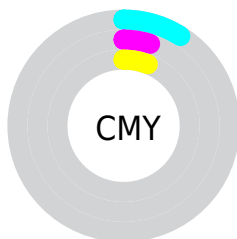


Cyan (5%)

Magenta (0%)

Yellow (2%)

Black (5%)



Cyan (9%)

Magenta (5%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 4.395, 171.417 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, 4.395, 171.417 by changing the saturation by 10% instead.

95, 4.395, 171.417

95, 4.395, 171.417

100, 4.395,
171.417

85, 4.395, 171.417

75, 4.395, 171.417

65, 4.395, 171.417

55, 4.395, 171.417

45, 4.395, 171.417

35, 4.395, 171.417

25, 4.395, 171.417

15, 4.395, 171.417

5, 4.395, 171.417

95, 4.395, 171.417

95, 4.395, 171.417

93, 14.061,
170.370

97, 4.880, 349.161

97, 7.374, 324.656

91, 23.532,
169.321

90, 32.662,
168.179

89, 41.289,
166.916

88, 49.248,
165.507

87, 56.390,
163.926

86, 62.606,
162.149

86, 67.854,
160.160

■ 85, 72.185,
157.964

Harmonies

Complementary

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



95, 4.395, 171.417



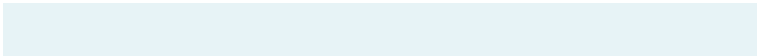
93, 4.453, 351.984

Rectangle

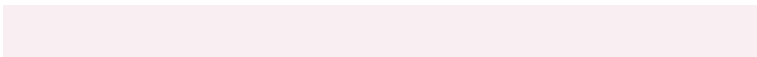
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



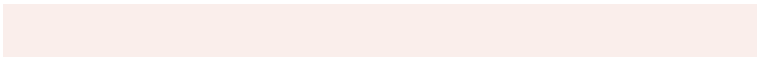
95, 4.395, 171.417



95, 4.395, 221.417



95, 4.395, 351.417



95, 4.395, 41.417

Sweetspot

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



95, 4.397, 171.402



100, 1.005, 172.144



95, 6.178, 133.429



53, 0.571, 172.177



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

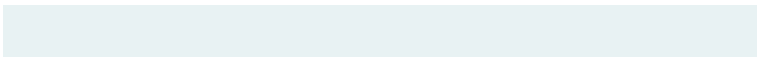
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 4.397, 171.402



99, 5.048, 171.346



95, 3.396, 212.220



51, 3.331, 171.271



67, 60.347, 157.134



21, 25.292, 160.614

Inverse Universe

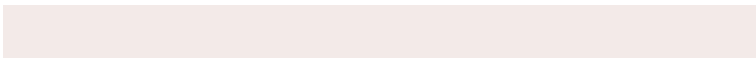
The Inverse Universe completely reimagines the original color for something new.



93, 4.453, 351.984



97, 5.116, 352.041



93, 3.494, 31.917



49, 3.379, 352.118



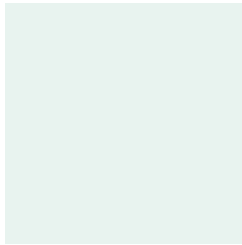
39, 67.526, 15.187



9, 29.616, 6.799

Previews

White Background



This preview shows how the CIE LCh color 95, 4.395, 171.417 looks on a white background.

Color Contrast Check

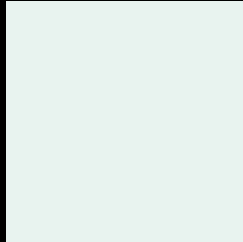
Large Text (above 18pt) WCAG AA × Fail

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, 4.395, 171.417 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

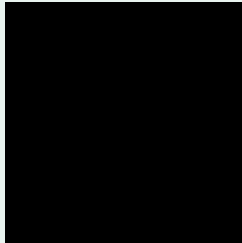
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

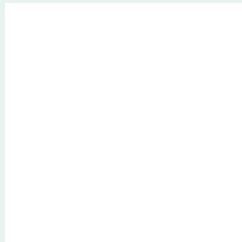
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 4.395, 171.417

Background



This preview shows how black text looks on a background with the CIELCh color 95, 4.395, 171.417.

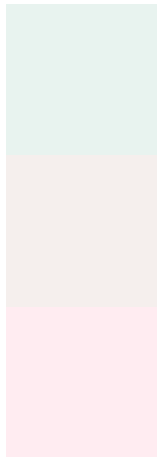


This preview shows how white text looks on a background with the CIELCh color 95, 4.395, 171.417.

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

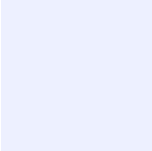
95, 4.395, 171.417

Protanopia

95, 2.357, 45.013

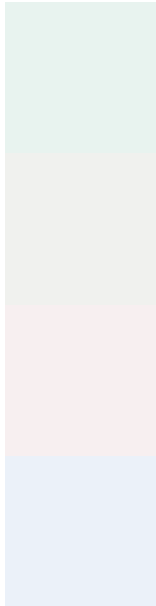
Deuteranopia

95, 7.263, 359.192



Tritanopia
95, 7.763, 283.171

Trichromacy



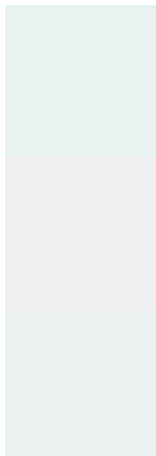
Original Color
95, 4.395, 171.417

Protanomaly
95, 1.572, 123.026

Deuteranomaly
95, 2.894, 9.186

Tritanomaly
95, 4.576, 263.552

Monochromacy



Original Color
95, 4.395, 171.417

Achromatopsia
94, 0.011, 296.813

Achromatomaly
95, 1.748, 163.782

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 4.395, 171.417 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(232, 243, 239)` looks like.

```
.text, #text, p{  
    color:rgb(232, 243, 239)  
}
```

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(232, 243, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 243, 239) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 4.395, 171.417 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(232, 243, 239) }
```

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

```
.border{ border-color:rgb(232, 243, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 243, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 243, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 243, 239);  
box-shadow:4px 4px 4px 4px rgb(232, 243,  
239) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 4.395, 171.417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 243, 239) }
```

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

```
.background{ background-color: rgb(232,  
243, 239) }
```

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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