

Converting Colors

CIELCh(95, 2.342, 158.804)

Have a look what the booklet for
CIELCh(95, 2.342, 158.804) contains.

CIELCh(95, 2.348, 158.661)	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, 2.348, 158.661)

Conversions

Conversions Part 1

Format	Color
Hex	EDF2EF
RGB	237, 242, 239
RGB Percent	93%, 95%, 94%
CMY	0.0712, 0.0515, 0.0633
CMYK	0.02, 0.00, 0.01, 0.05
HSL	144°, 16%, 94%
HSV	144°, 2%, 95%
XYZ	82.1418, 87.6183, 94.1294
YIQ	240.1630, -2.0170, -1.9930

Conversions

Conversions Part 2

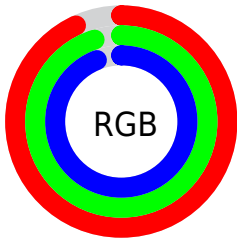
Format	Color
R_{YB}	237, 241, 242
Decimal	15594223
CIE _{Lab}	95.00, -2.19, 0.85
CIE _{LCh}	95, 2.348, 158.661
Yxy	87.6183, 0.3113, 0.3320
Android (android.graphics.Color)	4293784303 (0xFFEDF2EF)
YUV	240.1630, -0.5734, -2.7740
Hunter-Lab	93.6047, -7.1674, 5.9009

Details

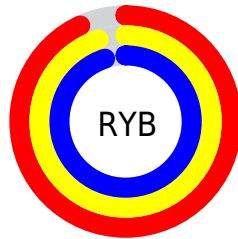
The CIELCh color **95, 2.348, 158.661** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **94, 2.370, 338.592**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **75, 2.469, 158.577** is the 20% darker color. If you saturate the color by 10%, you get **93, 13.804, 157.701**, and if you desaturate by 10%, it is **97, 7.519, 328.265**.

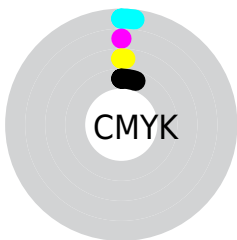
Distribution



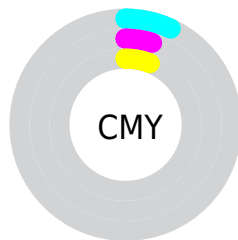
- Red (93%)
- Green (95%)
- Blue (94%)



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



- Cyan (2%)
- Magenta (0%)
- Yellow (1%)
- Black (5%)



- Cyan (7%)
- Magenta (5%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 2.348, 158.661 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, 2.348, 158.661 by changing the saturation by 10% instead.

95, 2.348, 158.661

95, 2.348, 158.661

100, 2.348,
158.661

85, 2.348, 158.661

75, 2.348, 158.661

65, 2.348, 158.661

55, 2.348, 158.661

45, 2.348, 158.661

35, 2.348, 158.661

25, 2.348, 158.661

15, 2.348, 158.661

5, 2.348, 158.661

95, 2.348, 158.661

95, 2.348, 158.661

93, 13.804,
157.701

97, 7.519, 328.265

91, 25.251,
156.791

97, 8.189, 324.689

90, 36.539,
155.767


88, 47.485,
154.601

87, 57.888,
153.266

86, 67.541,
151.742

85, 76.263,
150.012

85, 83.927,
148.076

 84, 90.484,
145.963

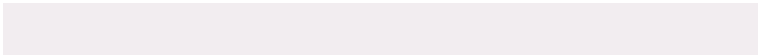
Harmonies

Complementary

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



95, 2.348, 158.661



94, 2.370, 338.592

Rectangle

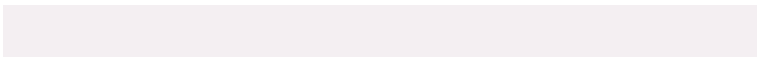
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



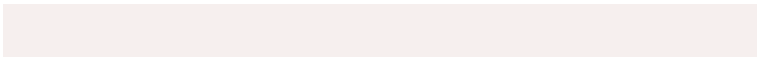
95, 2.348, 158.661



95, 2.348, 208.661



95, 2.348, 338.661



95, 2.348, 28.661

Sweetspot

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



95, 2.350, 158.646



100, 1.181, 158.921



95, 2.650, 124.825



53, 0.671, 158.944



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

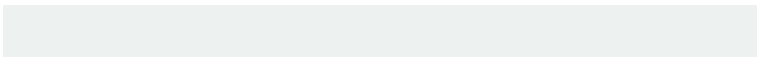
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 2.350, 158.646



100, 2.371, 158.657



95, 1.784, 189.977



50, 1.281, 158.676



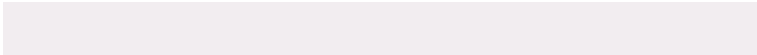
65, 76.558, 144.654



20, 30.894, 148.322

Inverse Universe

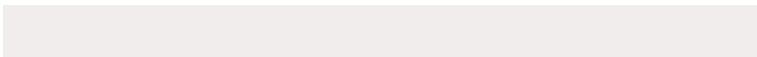
The Inverse Universe completely reimagines the original color for something new.



94, 2.370, 338.592



99, 2.392, 338.582



94, 1.808, 9.631



50, 1.293, 338.563



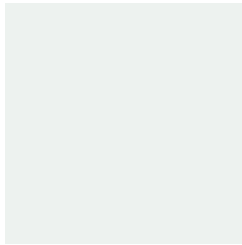
40, 68.297, 352.855



9, 30.663, 348.259

Previews

White Background



This preview shows how the CIELCh color 95, 2.348, 158.661 looks on a white background.

Color Contrast Check

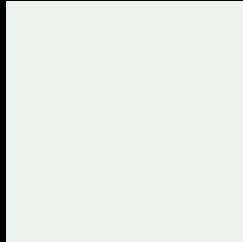
Large Text (above 18pt) WCAG AA × Fail

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, 2.348, 158.661 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

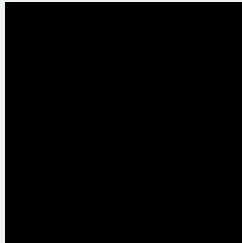
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

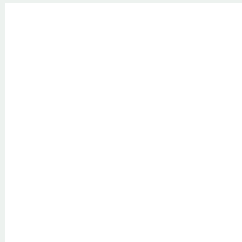
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 2.348, 158.661

Background



This preview shows how black text looks on a background with the CIELCh color 95, 2.348, 158.661.

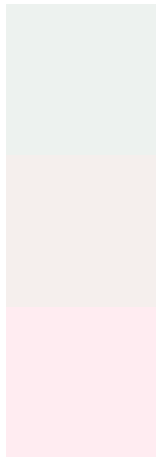


This preview shows how white text looks on a background with the CIELCh color 95, 2.348, 158.661.

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, 2.348, 158.661

Protanopia

95, 2.357, 45.013

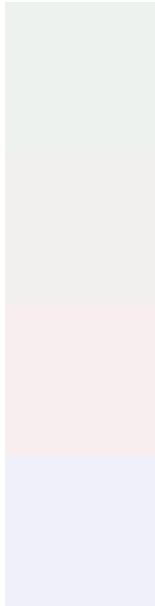
Deuteranopia

95, 7.263, 359.192



Tritanopia
95, 8.243, 293.212

Trichromacy



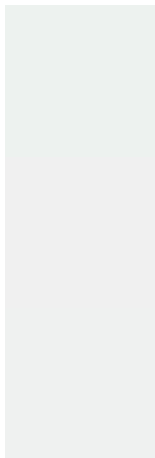
Original Color
95, 2.348, 158.661

Protanomaly
95, 1.232, 74.875

Deuteranomaly
95, 3.711, 3.456

Tritanomaly
95, 4.639, 286.261

Monochromacy



Original Color
95, 2.348, 158.661

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 0.870, 164.119

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 2.348, 158.661 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(237, 242, 239)` looks like.

```
.text, #text, p{  
    color:rgb(237, 242, 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(237, 242, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 242, 239) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 2.348, 158.661 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(237, 242, 239) }
```

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

```
.border{ border-color:rgb(237, 242, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 242, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 242, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 242, 239);  
box-shadow:4px 4px 4px 4px rgb(237, 242,  
239) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 2.348, 158.661 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 242, 239) }
```

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

```
.background{ background-color: rgb(237,  
242, 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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