

Converting Colors

CIELCh(95, 3.484, 119.756)

Have a look what the booklet for
CIELCh(95, 3.484, 119.756) contains.

CIELCh(95, 3.090, 116.527)	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, 3.090, 116.527)

Conversions

Conversions Part 1

Format	Color
Hex	F0F1EB
RGB	240, 241, 235
RGB Percent	94%, 95%, 92%
CMY	0.0579, 0.0540, 0.0776
CMYK	0.00, 0.00, 0.02, 0.05
HSL	70°, 18%, 93%
HSV	70°, 2%, 95%
XYZ	82.5600, 87.6183, 91.3264
YIQ	240.0170, 1.3300, -2.0780

Conversions

Conversions Part 2

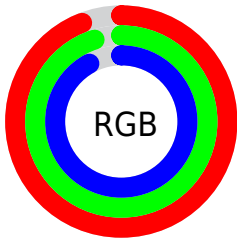
Format	Color
R _Y B	235, 241, 236
Decimal	15790571
CIE Lab	95.00, -1.38, 2.76
CIE LCh	95, 3.090, 116.527
Yxy	87.6183, 0.3157, 0.3351
Android (android.graphics.Color)	4293980651 (0xFFFF0F1EB)
YUV	240.0170, -2.4734, -0.0149
Hunter-Lab	93.6047, -6.3698, 7.6764

Details

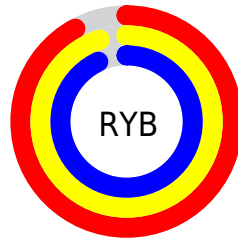
The CIELCh color **95, 3.090, 116.527** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **93, 3.130, 296.909**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **75, 3.249, 116.477** is the 20% darker color. If you saturate the color by 10%, you get **94, 15.534, 115.825**, and if you desaturate by 10%, it is **96, 7.164, 299.125**.

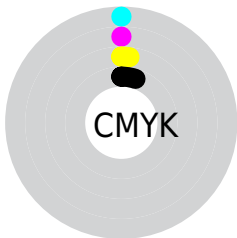
Distribution



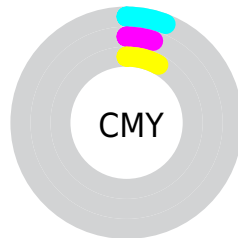
- Red (94%)
- Green (95%)
- Blue (92%)



- Red (92%)
- Yellow (95%)
- Blue (93%)



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



- Cyan (6%)
- Magenta (5%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 3.090, 116.527 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, 3.090, 116.527 by changing the saturation by 10% instead.

95, 3.090, 116.527

95, 3.090, 116.527

100, 3.090,
116.527

85, 3.090, 116.527

75, 3.090, 116.527

65, 3.090, 116.527

55, 3.090, 116.527

45, 3.090, 116.527

35, 3.090, 116.527

25, 3.090, 116.527

15, 3.090, 116.527

5, 3.090, 116.527

95, 3.090, 116.527

95, 3.090, 116.527

94, 15.534,
115.825

96, 7.164, 299.125

93, 27.882,
115.088

96, 7.512, 309.741

93, 40.030,
114.357

96, 8.091, 319.202

92, 51.821,
113.660

97, 8.582, 324.704

91, 63.014,
113.034

91, 73.252,
112.533

91, 82.036,
112.231

90, 88.778,
112.214

■ 90, 93.010,
112.560

Harmonies

Complementary

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



95, 3.090, 116.527



93, 3.130, 296.909

Rectangle

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



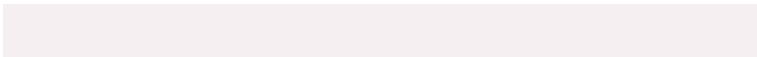
95, 3.090, 116.527



95, 3.090, 166.527



95, 3.090, 296.527



95, 3.090, 346.527

Sweetspot

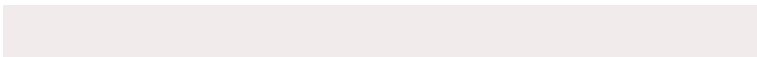
The Sweet Spot groups the original color and five complimentary colors.



95, 3.092, 116.551



100, 1.292, 116.656



94, 1.847, 35.329



53, 0.734, 116.660



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

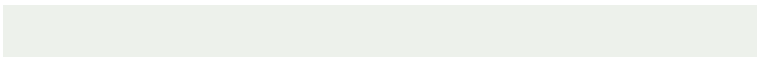
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 3.092, 116.551



100, 3.900, 116.513



95, 3.398, 134.625



50, 2.812, 116.457



70, 77.143, 112.875



22, 32.326, 112.386

Inverse Universe

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



93, 3.130, 296.909



98, 3.947, 296.947



94, 3.426, 314.715



49, 2.846, 297.006



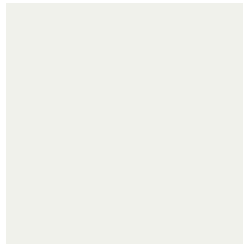
23, 103.371, 307.007



3, 38.278, 302.629

Previews

White Background



This preview shows how the CIE LCh color 95, 3.090, 116.527 looks on a white background.

Color Contrast Check

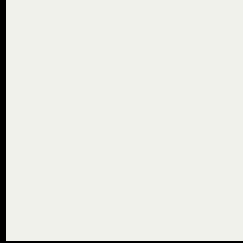
Large Text (above 18pt) WCAG AA × Fail

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, 3.090, 116.527 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

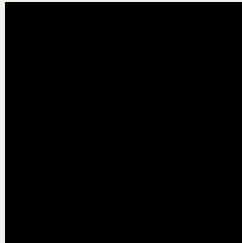
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

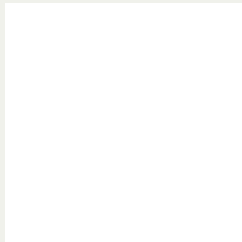
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 3.090, 116.527

Background



This preview shows how black text looks on a background with the CIELCh color 95, 3.090, 116.527.

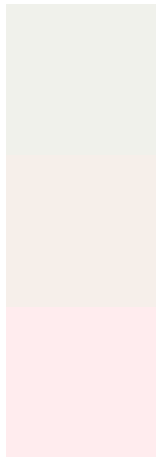


This preview shows how white text looks on a background with the CIELCh color 95, 3.090, 116.527.

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, 3.090, 116.527

Protanopia

95, 3.564, 65.237

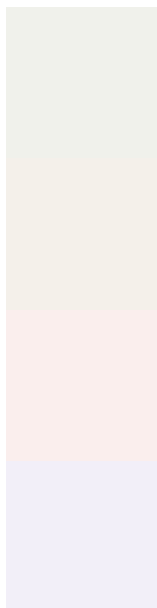
Deuteranopia

95, 6.891, 11.254



Tritanopia
95, 8.941, 301.971

Trichromacy



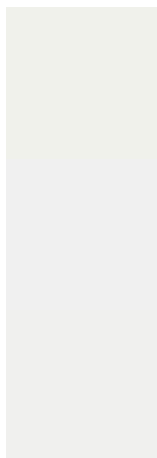
Original Color
95, 3.090, 116.527

Protanomaly
95, 3.370, 84.803

Deuteranomaly
95, 4.316, 26.351

Tritanomaly
95, 4.764, 303.231

Monochromacy



Original Color
95, 3.090, 116.527

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 1.015, 110.026

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 3.090, 116.527 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(240, 241, 235)` looks like.

```
.text, #text, p{  
    color:rgb(240, 241, 235)  
}
```

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(240, 241, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 241, 235) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 3.090, 116.527 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(240, 241, 235) }
```

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

```
.border{ border-color:rgb(240, 241, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 241, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 241, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 241, 235);  
box-shadow:4px 4px 4px 4px rgb(240, 241,  
235) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 3.090, 116.527 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 241, 235) }
```

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

```
.background{ background-color: rgb(240,  
241, 235) }
```

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