

Converting Colors

CIELCh(95, 37.641, 118.728)

Have a look what the booklet for
CIELCh(95, 37.641, 118.728)
contains.

CIELCh(95, 37.599, 118.470)	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, 37.599, 118.470)

Conversions

Conversions Part 1

Format	Color
Hex	E6F9B0
RGB	230, 249, 176
RGB Percent	90%, 98%, 69%
CMY	0.0985, 0.0239, 0.3102
CMYK	0.08, 0.00, 0.29, 0.02
HSL	76°, 86%, 83%
HSV	76°, 29%, 98%
XYZ	74.2656, 87.6183, 54.0179
YIQ	234.9970, 12.1090, -26.7310

Conversions

Conversions Part 2

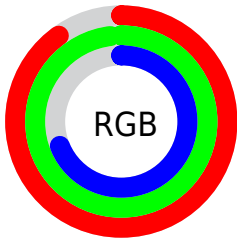
Format	Color
RYB	176, 249, 195
Decimal	15137200
CIELab	95.00, -17.92, 33.05
CIElCh	95, 37.599, 118.470
Yxy	87.6183, 0.3440, 0.4058
Android (android.graphics.Color)	4293327280 (0xFFE6F9B0)
YUV	234.9970, -29.0855, -4.3824
Hunter-Lab	93.6047, -22.1869, 31.3079

Details

The CIELCh color **95, 37.599, 118.470** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **76, 40.016, 302.474**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 11.641, 109.297**, and **75, 37.713, 118.540** is the 20% darker color. If you saturate the color by 10%, you get **94, 50.015, 117.865**, and if you desaturate by 10%, it is **96, 24.893, 119.104**.

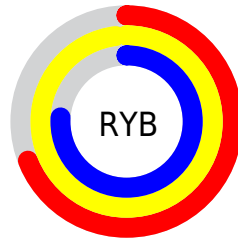
Distribution



Red (90%)

Green (98%)

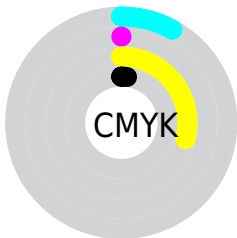
Blue (69%)



Red (69%)

Yellow (98%)

Blue (76%)

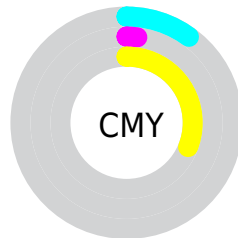


Cyan (8%)

Magenta (0%)

Yellow (29%)

Black (2%)



Cyan (10%)


Magenta (2%)


Yellow (31%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 37.599, 118.470 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, 37.599, 118.470 by changing the saturation by 10% instead.


 95, 37.599,
118.470


 95, 37.599,
118.470


 100, 37.599,
118.470


 85, 37.599,
118.470

 75, 37.599,
118.470

 65, 37.599,
118.470

 55, 37.599,
118.470

 45, 37.599,
118.470

 35, 37.599,
118.470

 25, 37.599,

118.470

■ 15, 37.599,
118.470

■ 5, 37.599, 118.470

■ 95, 37.599,
118.470

■ 95, 37.599,
118.470

■ 94, 50.015,
117.865

■ 96, 24.893,
119.104

■ 93, 61.918,
117.318

■ 97, 12.035,
119.734

■ 93, 72.989,
116.887

■ 98, 0.879, 300.297

■ 92, 82.766,
116.653

■ 98, 3.801, 324.493

■ 92, 90.669,
116.718

■ 91, 96.147,
117.188

■ 91, 99.160,
118.086

■ 91, 99.327,
118.151

Harmonies

Complementary

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



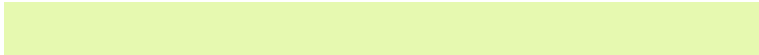
95, 37.599, 118.470



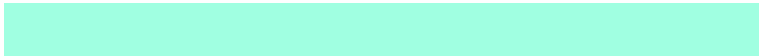
76, 40.016, 302.474

Rectangle

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



95, 37.599, 118.470



95, 37.599, 168.470



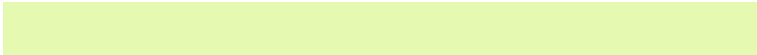
95, 37.599, 298.470



95, 37.599, 348.470

Sweetspot

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



95, 37.601, 118.473



99, 11.841, 119.754



83, 23.851, 44.387



53, 8.228, 119.663



0, 0.000, 0.000



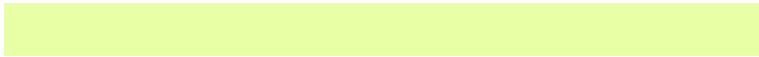
53, 0.007, 296.813

Same Dimension

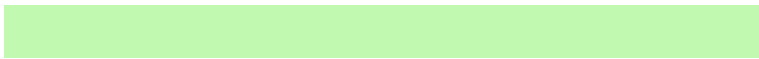
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 37.601, 118.473



97, 45.574, 118.120



93, 42.436, 135.819



52, 7.357, 119.724



71, 80.573, 117.925



23, 35.429, 116.773

Inverse Universe

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



76, 40.016, 302.474



73, 49.196, 302.998



79, 43.191, 318.572



48, 7.504, 300.911



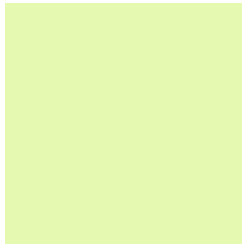
25, 104.239, 307.836



4, 42.726, 306.285

Previews

White Background



This preview shows how the CIE LCh color 95, 37.599, 118.470 looks on a white background.

Color Contrast Check

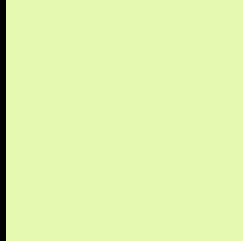
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 95, 37.599, 118.470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

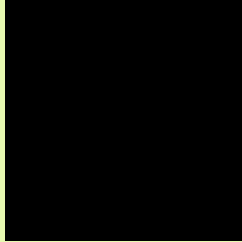
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

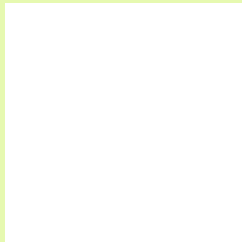
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 37.599, 118.470

Background



This preview shows how black text looks on a background with the CIELCh color 95, 37.599, 118.470.

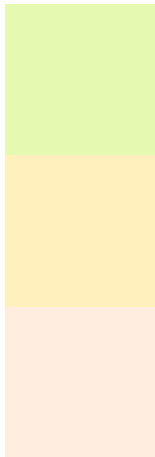


This preview shows how white text looks on a background with the CIELCh color 95, 37.599, 118.470.

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, 37.599, 118.470

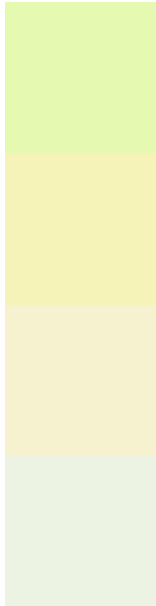
Protanopia
95, 26.650, 95.601

Deuteranopia
95, 9.740, 66.902



Tritanopia
95, 8.269, 295.594

Trichromacy



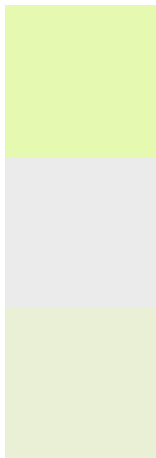
Original Color
95, 37.599, 118.470

Protanomaly
95, 30.001, 105.608

Deuteranomaly
95, 17.970, 102.796

Tritanomaly
95, 8.978, 123.417

Monochromacy



Original Color
95, 37.599, 118.470

Achromatopsia
93, 0.011, 296.813

Achromatomaly
94, 13.585, 119.989

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 37.599, 118.470 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(230, 249, 176)` looks like.

```
.text, #text, p{  
    color:rgb(230, 249, 176)  
}
```

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(230, 249, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 249, 176) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 37.599, 118.470 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(230, 249, 176) }
```

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

```
.border{ border-color:rgb(230, 249, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 249, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 249, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 249, 176);  
box-shadow:4px 4px 4px 4px rgb(230, 249,  
176) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 37.599, 118.470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 249, 176) }
```

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

```
.background{ background-color: rgb(230,  
249, 176) }
```

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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