

Converting Colors

CIELCh(95, 95.497, 104.488)

Have a look what the booklet for
CIELCh(95, 95.497, 104.488)
contains.

CIELCh(95, 95.448, 104.372)	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, 95.448, 104.372)

Conversions

Conversions Part 1

Format	Color
Hex	F4FA01
RGB	244, 250, 1
RGB Percent	96%, 98%, 0%
CMY	0.0431, 0.0195, 0.9957
CMYK	0.02, 0.00, 1.00, 0.02
HSL	61°, 99%, 49%
HSV	61°, 100%, 98%
XYZ	71.5097, 87.6183, 13.1735
YIQ	219.8200, 76.3530, -78.7110

Conversions

Conversions Part 2

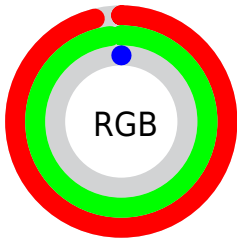
Format	Color
R _Y B	1, 250, 7
Decimal	16054785
CIE Lab	95.00, -23.69, 92.46
CIE LCh	95, 95.448, 104.372
Yxy	87.6183, 0.4150, 0.5085
Android (android.graphics.Color)	4294244865 (0xFFFF4FA01)
YUV	219.8200, -107.8783, 21.2059
Hunter-Lab	93.6047, -27.4422, 57.1791

Details

The CIELCh color **95, 95.448, 104.372** is a light color, and the websafe version is hex **FFFF00**. The color can be described as light saturated yellow. A complement of this color would be **32, 131.532, 306.308**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 76.002, 104.374**, and **75, 79.087, 106.358** is the 20% darker color. If you saturate the color by 10%, you get **95, 95.525, 104.374**, and if you desaturate by 10%, it is **95, 93.164, 104.417**.

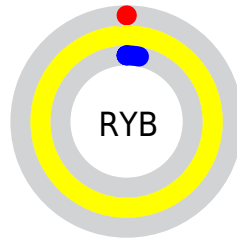
Distribution



Red (96%)

Green (98%)

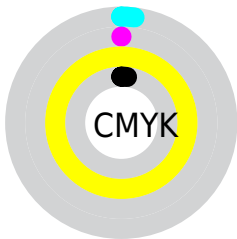
Blue (0%)



Red (0%)

Yellow (98%)

Blue (3%)

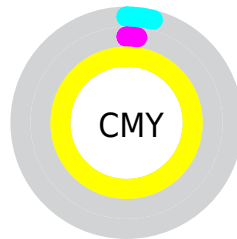


Cyan (2%)

Magenta (0%)

Yellow (100%)

Black (2%)



Cyan (4%)


Magenta (2%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 95.448, 104.372 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, 95.448, 104.372 by changing the saturation by 10% instead.


 95, 95.448,
104.372


 95, 95.448,
104.372


 100, 95.448,
104.372


 85, 95.448,
104.372

 75, 95.448,
104.372

 65, 95.448,
104.372

 55, 95.448,
104.372

 45, 95.448,
104.372

 35, 95.448,
104.372

 25, 95.448,

104.372

■ 15, 95.448,
104.372

■ 5, 95.448, 104.372

■ 95, 95.448,
104.372

■ 95, 95.448,
104.372

■ 95, 95.525,
104.374

■ 95, 93.164,
104.417

■ 95, 88.351,
104.674

■ 95, 81.005,
105.149

■ 96, 71.677,
105.800

■ 96, 60.973,
106.580

■ 96, 49.381,
107.444

■ 97, 37.242,
108.358

■ 97, 24.783,
109.295

■ 98, 12.147,
110.234

Harmonies

Complementary

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



95, 95.448, 104.372



32, 131.532, 306.308

Rectangle

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



95, 95.448, 104.372



95, 95.448, 154.372



95, 95.448, 284.372



95, 95.448, 334.372

Sweetspot

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



95, 95.447, 104.374



98, 38.392, 108.314



52, 102.592, 40.026



52, 26.102, 107.925



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, 95.447, 104.374



97, 96.964, 104.376



88, 108.227, 128.839



52, 7.219, 110.240



74, 77.320, 104.348



25, 34.380, 104.413

Inverse Universe

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



32, 131.532, 306.308



32, 133.711, 306.335



41, 122.549, 312.101



48, 7.383, 292.079



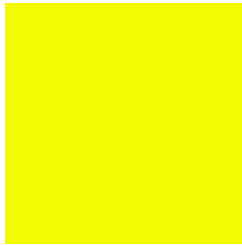
23, 106.587, 306.356



3, 42.097, 301.347

Previews

White Background



This preview shows how the CIELCh color 95, 95.448, 104.372 looks on a white background.

Color Contrast Check

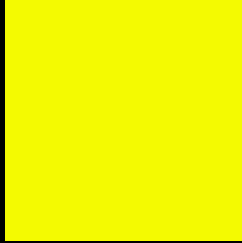
Large Text (above 18pt) WCAG AA × Fail

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, 95.448, 104.372 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, 95.448, 104.372

Background



This preview shows how black text looks on a background with the CIELCh color 95, 95.448, 104.372.

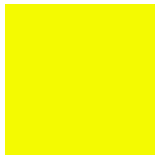


This preview shows how white text looks on a background with the CIELCh color 95, 95.448, 104.372.

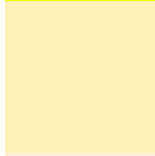
Color Blindness Simulation

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, 95.448, 104.372



Protanopia
95, 30.518, 97.542

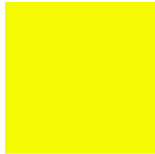


Deuteranopia
95, 12.454, 78.957



Tritanopia
95, 9.757, 336.903

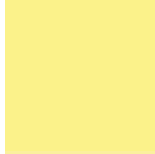
Trichromacy



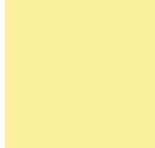
Original Color
95, 95.448, 104.372



Protanomaly
95, 63.012, 102.581

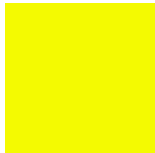


Deuteranomaly
94, 52.163, 102.030

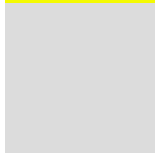


Tritanomaly
94, 41.723, 100.838

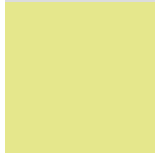
Monochromacy



Original Color
95, 95.448, 104.372



Achromatopsia
88, 0.010, 296.813



Achromatomaly
90, 46.133, 107.377

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 95.448, 104.372 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(244, 250, 1)` looks like.

```
.text, #text, p{  
    color:rgb(244, 250, 1)  
}
```

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(244, 250, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 250, 1) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 95.448, 104.372 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(244, 250, 1) }
```

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

```
.border{ border-color:rgb(244, 250, 1) }
```

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

Here you see how a box with a 4 pixel rgb(244, 250, 1) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 250, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 250, 1);  
box-shadow:4px 4px 4px 4px rgb(244, 250,  
1) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 95.448, 104.372 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 250, 1) }
```

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

```
.background{ background-color: rgb(244,  
250, 1) }
```

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