

Converting Colors

CIELCh(95, 95.330, 104.936)

Have a look what the booklet for
CIELCh(95, 95.330, 104.936)
contains.

CIELCh(95, 95.202, 104.901)	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, 95.202, 104.901)

Conversions

Conversions Part 1

Format	Color
Hex	F2FA07
RGB	242, 250, 7
RGB Percent	95%, 98%, 3%
CMY	0.0491, 0.0179, 0.9731
CMYK	0.03, 0.00, 0.97, 0.02
HSL	62°, 96%, 50%
HSV	62°, 97%, 98%
XYZ	71.1380, 87.6183, 13.3583
YIQ	219.9060, 73.2350, -77.2690

Conversions

Conversions Part 2

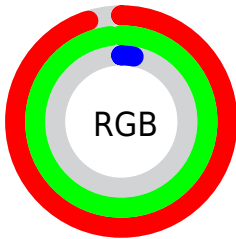
Format	Color
R_{YB}	7, 250, 15
Decimal	15923719
CIE Lab	95.00, -24.48, 92.00
CIE LCh	95, 95.202, 104.901
Yxy	87.6183, 0.4133, 0.5091
Android (android.graphics.Color)	4294113799 (0xFFFF2FA07)
YUV	219.9060, -104.9627, 19.3764
Hunter-Lab	93.6047, -28.1511, 57.0620

Details

The CIELCh color **95, 95.202, 104.901** 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, 130.660, 306.190**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 75.617, 104.403**, and **75, 79.159, 106.988** is the 20% darker color. If you saturate the color by 10%, you get **95, 95.685, 104.916**, and if you desaturate by 10%, it is **95, 92.450, 104.944**.

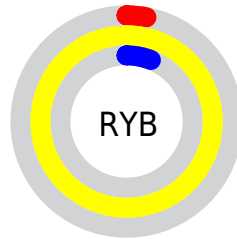
Distribution



Red (95%)

Green (98%)

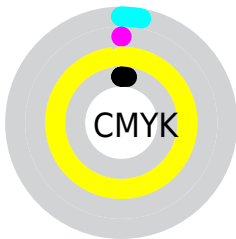
Blue (3%)



Red (3%)

Yellow (98%)

Blue (6%)

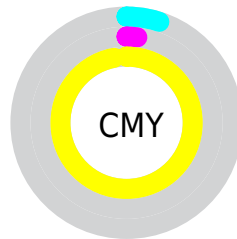


Cyan (3%)

Magenta (0%)

Yellow (97%)

Black (2%)



Cyan (5%)


Magenta (2%)


Yellow (97%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 95.202, 104.901 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, 95.202, 104.901 by changing the saturation by 10% instead.


 95, 95.202,
104.901


 95, 95.202,
104.901


 100, 95.202,
104.901


 85, 95.202,
104.901

 75, 95.202,
104.901

 65, 95.202,
104.901

 55, 95.202,
104.901

 45, 95.202,
104.901

 35, 95.202,
104.901

 25, 95.202,

104.901

■ 15, 95.202,
104.901

■ 5, 95.202, 104.901

■ 95, 95.202,
104.901

■ 95, 95.202,
104.901

■ 95, 95.685,
104.916

■ 95, 92.450,
104.944

■ 95, 87.008,
105.222

■ 95, 79.137,
105.719

■ 96, 69.427,
106.386

■ 96, 58.464,
107.174

■ 96, 46.704,
108.039

■ 97, 34.456,
108.948

■ 97, 21.927,
109.874

■ 98, 9.246, 110.797

Harmonies

Complementary

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



95, 95.202, 104.901



32, 130.660, 306.190

Rectangle

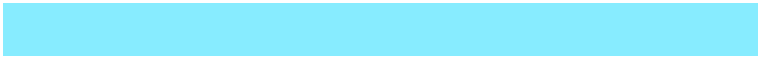
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95, 95.202, 104.901



95, 95.202, 154.901



95, 95.202, 284.901



95, 95.202, 334.901

Sweetspot

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



95, 95.201, 104.903



98, 37.145, 108.785



53, 101.565, 39.558



52, 25.403, 108.396



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, 95.201, 104.903



97, 97.001, 104.917



88, 107.571, 128.572



52, 7.221, 110.592



74, 77.349, 104.880



25, 34.385, 104.889

Inverse Universe

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



32, 130.660, 306.190



32, 133.674, 306.352



41, 121.761, 312.261



48, 7.384, 292.404



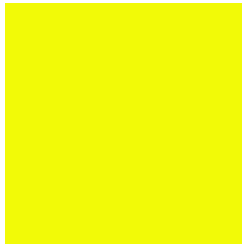
23, 106.544, 306.381



3, 42.122, 301.537

Previews

White Background



This preview shows how the CIELCh color 95, 95.202, 104.901 looks on a white background.

Color Contrast Check

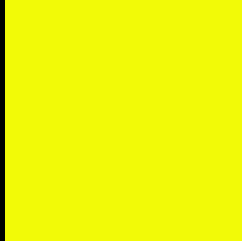
Large Text (above 18pt) WCAG AA × Fail

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, 95.202, 104.901 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, 95.202, 104.901

Background



This preview shows how black text looks on a background with the CIELCh color 95, 95.202, 104.901.



This preview shows how white text looks on a background with the CIELCh color 95, 95.202, 104.901.

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, 95.062, 104.914

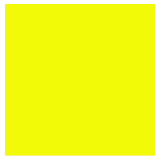
Protanopia
95, 30.518, 97.542

Deuteranopia
95, 12.454, 78.957

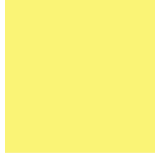


Tritanopia
95, 9.757, 336.903

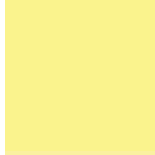
Trichromacy



Original Color
95, 95.062, 104.914



Protanomaly
94, 62.108, 102.996

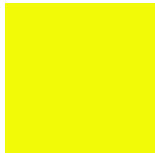


Deuteranomaly
94, 51.132, 102.961

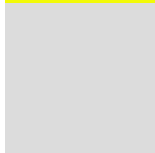


Tritanomaly
94, 41.124, 101.933

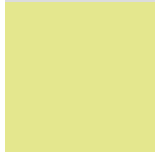
Monochromacy



Original Color
95, 95.062, 104.914



Achromatopsia
88, 0.010, 296.813



Achromatomaly
90, 45.173, 107.986

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 95.202, 104.901 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(242, 250, 7)` looks like.

```
.text, #text, p{  
    color:rgb(242, 250, 7)  
}
```

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(242, 250, 7) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 250, 7) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 95.202, 104.901 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(242, 250, 7) }
```

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

```
.border{ border-color:rgb(242, 250, 7) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 250, 7)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 250, 7); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 250, 7);  
box-shadow:4px 4px 4px 4px rgb(242, 250,  
7) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 95.202, 104.901 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 250, 7) }
```

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

```
.background{ background-color: rgb(242,  
250, 7) }
```

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