

Converting Colors

CIELCh(95, 95.080, 101.210)

Have a look what the booklet for
CIELCh(95, 95.080, 101.210)
contains.

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Color

CIELCh(95, 94.635, 101.056)

Conversions

Conversions Part 1

Format	Color
Hex	FEF700
RGB	254, 247, 0
RGB Percent	100%, 97%, 0%
CMY	0.0038, 0.0312, 0.9993
CMYK	0.00, 0.03, 1.00, 0.00
HSL	58°, 100%, 50%
HSV	58°, 100%, 100%
XYZ	74.1570, 87.6183, 13.0073
YIQ	220.9350, 83.4590, -75.3330

Conversions

Conversions Part 2

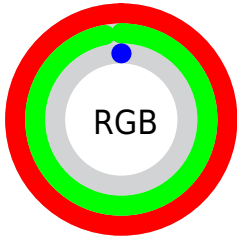
Format	Color
RYB	7, 254, 0
Decimal	16709376
CIELab	95.00, -18.15, 92.88
CIELCh	95, 94.635, 101.056
Yxy	87.6183, 0.4243, 0.5013
Android (android.graphics.Color)	4294899456 (0xFFFEF700)
YUV	220.9350, -108.9210, 28.9980
Hunter-Lab	93.6047, -22.3940, 57.2843

Details

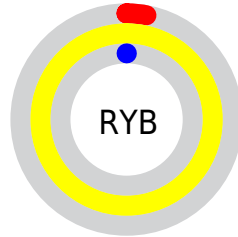
The CIELCh color **95, 94.635, 101.056** is a light color, and the websafe version is hex **FFFF00**. The color can be described as light saturated yellow. A complement of this color would be **33, 132.324, 306.061**, and the grayscale version is **88, 0.011, 296.813**.

A 20% lighter version of the original color is **97, 76.002, 104.374**, and **75, 77.979, 102.526** is the 20% darker color. If you saturate the color by 10%, you get **95, 94.645, 101.056**, and if you desaturate by 10%, it is **95, 92.540, 101.371**.

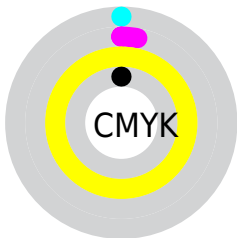
Distribution



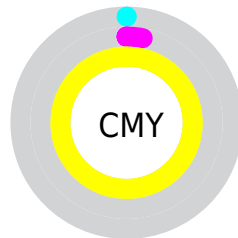
- Red (100%)
- Green (97%)
- Blue (0%)



- Red (3%)
- Yellow (100%)
- Blue (0%)



- Cyan (0%)
- Magenta (3%)
- Yellow (100%)
- Black (0%)





- Cyan (0%)
- Magenta (3%)
- Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 94.635, 101.056 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, 94.635, 101.056 by changing the saturation by 10% instead.


 95, 94.635,
101.056


 95, 94.635,
101.056


 100, 94.635,
101.056


 85, 94.635,
101.056

 75, 94.635,
101.056

 65, 94.635,
101.056

 55, 94.635,
101.056

 45, 94.635,
101.056

 35, 94.635,
101.056

 25, 94.635,

101.056

■ 15, 94.635,
101.056

■ 5, 94.635, 101.056

■ 95, 94.635,
101.056

■ 95, 94.635,
101.056

■ 95, 94.645,
101.056

■ 95, 92.540,
101.371

■ 95, 87.871,
101.840

■ 96, 80.611,
102.475

■ 96, 71.350,
103.251

■ 97, 60.721,
104.129

■ 97, 49.226,
105.077

■ 98, 37.210,
106.064

■ 98, 24.899,
107.069

■ 99, 12.434,
108.070

Harmonies

Complementary

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



95, 94.635, 101.056



33, 132.324, 306.061

Rectangle

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



95, 94.635, 101.056



95, 94.635, 151.056



95, 94.635, 281.056



95, 94.635, 331.056

Sweetspot

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



95, 94.634, 101.058



98, 37.406, 106.057



53, 102.956, 39.077



52, 25.443, 105.637



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, 94.634, 101.058



95, 94.917, 101.056



90, 107.902, 127.213



53, 7.139, 108.113



74, 76.477, 101.087



25, 34.768, 101.470

Inverse Universe

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



33, 132.324, 306.061



33, 132.738, 306.066



40, 125.567, 310.951



49, 7.292, 290.077



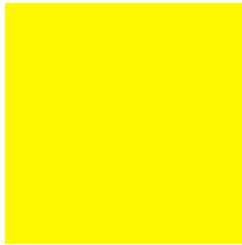
23, 106.540, 305.969



4, 43.253, 301.303

Previews

White Background



This preview shows how the CIELCh color 95, 94.635, 101.056 looks on a white background.

Color Contrast Check

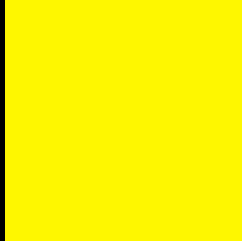
Large Text (above 18pt) WCAG AA × Fail

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, 94.635, 101.056 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, 94.635, 101.056

Background



This preview shows how black text looks on a background with the CIELCh color 95, 94.635, 101.056.



This preview shows how white text looks on a background with the CIELCh color 95, 94.635, 101.056.

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, 94.635, 101.056



Protanopia
95, 30.022, 97.423

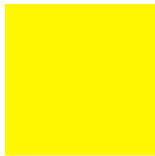


Deuteranopia
95, 12.454, 78.957

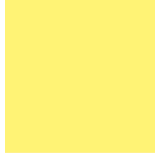


Tritanopia
95, 8.502, 347.064

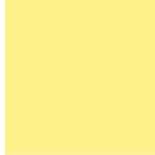
Trichromacy



Original Color
95, 94.635, 101.056



Protanomaly
95, 62.305, 100.702



Deuteranomaly
94, 51.926, 99.775

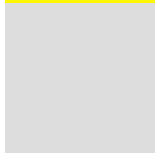


Tritanomaly
94, 43.002, 98.205

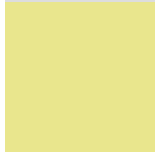
Monochromacy



Original Color
95, 94.635, 101.056



Achromatopsia
88, 0.010, 296.813



Achromatomaly
90, 45.202, 104.906

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 94.635, 101.056 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(254, 247, 0)` looks like.

```
.text, #text, p{  
    color:rgb(254, 247, 0)  
}
```

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(254, 247, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 247, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 94.635, 101.056 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(254, 247, 0) }
```

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

```
.border{ border-color:rgb(254, 247, 0) }
```

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

Here you see how a box with a 4 pixel rgb(254, 247, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 247, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 247, 0);  
box-shadow:4px 4px 4px 4px rgb(254, 247,  
0) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 94.635, 101.056 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 247, 0) }
```

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

```
.background{ background-color: rgb(254,  
247, 0) }
```

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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