

Converting Colors

CIELCh(95, 94.383, 100.543)

Have a look what the booklet for
CIELCh(95, 94.383, 100.543)
contains.

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Color

CIELCh(95, 94.507, 100.807)

Conversions

Conversions Part 1

Format	Color
Hex	FFF701
RGB	255, 247, 1
RGB Percent	100%, 97%, 0%
CMY	0.0009, 0.0321, 0.9953
CMYK	0.00, 0.03, 1.00, 0.00
HSL	58°, 100%, 50%
HSV	58°, 100%, 100%
XYZ	74.3640, 87.6183, 13.0263
YIQ	221.3480, 83.7340, -74.8100

Conversions

Conversions Part 2

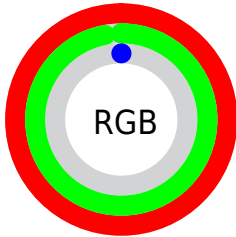
Format	Color
RYB	9, 255, 1
Decimal	16774913
CIELab	95.00, -17.72, 92.83
CIELCh	95, 94.507, 100.807
Yxy	87.6183, 0.4249, 0.5007
Android (android.graphics.Color)	4294964993 (0xFFFFFFFF701)
YUV	221.3480, -108.6316, 29.5128
Hunter-Lab	93.6047, -21.9994, 57.2723

Details

The CIELCh color **95, 94.507, 100.807** 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, 132.302, 306.007**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **97, 76.002, 104.374**, and **75, 77.981, 102.200** is the 20% darker color. If you saturate the color by 10%, you get **95, 94.582, 100.795**, and if you desaturate by 10%, it is **95, 92.357, 101.149**.

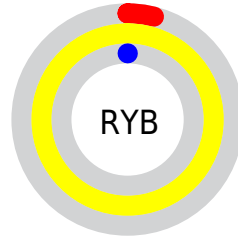
Distribution



Red (100%)

Green (97%)

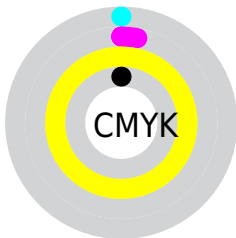
Blue (0%)



Red (4%)

Yellow (100%)

Blue (0%)

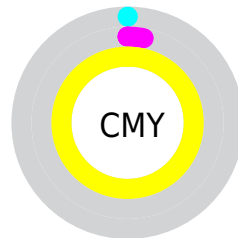


Cyan (0%)

Magenta (3%)

Yellow (100%)

Black (0%)



Cyan (0%)


Magenta (3%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 94.507, 100.807 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, 94.507, 100.807 by changing the saturation by 10% instead.


 95, 94.507,
100.807


 95, 94.507,
100.807


 100, 94.507,
100.807


 85, 94.507,
100.807

 75, 94.507,
100.807

 65, 94.507,
100.807

 55, 94.507,
100.807

 45, 94.507,
100.807

 35, 94.507,
100.807

 25, 94.507,

100.807

■ 15, 94.507,
100.807

■ 5, 94.507, 100.807

■ 95, 94.507,
100.807

■ 95, 94.507,
100.807

■ 95, 94.582,
100.795

■ 95, 92.357,
101.149

■ 96, 87.576,
101.643

■ 96, 80.216,
102.299

■ 96, 70.881,
103.090

■ 97, 60.207,
103.981

■ 97, 48.688,
104.937

■ 98, 36.666,
105.931

■ 98, 24.359,
106.940

■ 99, 11.906,
107.945

Harmonies

Complementary

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



95, 94.507, 100.807



33, 132.302, 306.007

Rectangle

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



95, 94.507, 100.807



95, 94.507, 150.807



95, 94.507, 280.807



95, 94.507, 330.807

Sweetspot

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



95, 94.506, 100.809



98, 37.270, 105.883



53, 102.997, 39.006



52, 25.352, 105.462



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, 94.506, 100.809



95, 94.644, 100.795



90, 108.007, 127.167



53, 7.111, 107.947



73, 76.261, 100.831



25, 34.662, 101.248

Inverse Universe

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



33, 132.302, 306.007



33, 132.588, 306.034



40, 125.667, 310.975



49, 7.263, 289.917



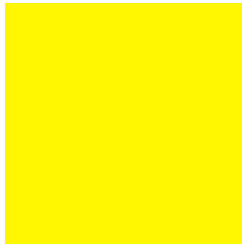
23, 106.368, 305.925



4, 43.130, 301.236

Previews

White Background



This preview shows how the CIELCh color 95, 94.507, 100.807 looks on a white background.

Color Contrast Check

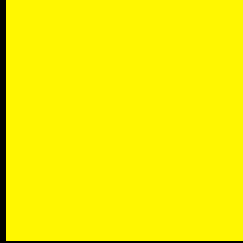
Large Text (above 18pt) WCAG AA × Fail

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, 94.507, 100.807 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, 94.507, 100.807

Background



This preview shows how black text looks on a background with the CIELCh color 95, 94.507, 100.807.



This preview shows how white text looks on a background with the CIELCh color 95, 94.507, 100.807.

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](#).

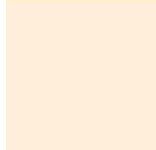
Dichromacy




Original Color
95, 94.578, 100.803



Protanopia
95, 30.022, 97.423



Deuteranopia
95, 12.454, 78.957



Tritanopia
95, 8.502, 347.064

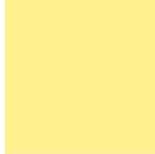
Trichromacy



Original Color
95, 94.578, 100.803



Protanomaly
95, 62.305, 100.702



Deuteranomaly
94, 51.455, 99.760

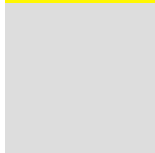


Tritanomaly
94, 42.516, 98.155

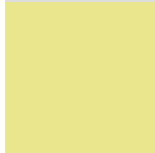
Monochromacy



Original Color
95, 94.578, 100.803



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, 94.507, 100.807 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(255, 247, 1)` looks like.

```
.text, #text, p{  
    color:rgb(255, 247, 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(255, 247, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 247, 1) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 94.507, 100.807 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(255, 247, 1) }
```

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

```
.border{ border-color:rgb(255, 247, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 247, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 247, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 247, 1);  
box-shadow:4px 4px 4px 4px rgb(255, 247,  
1) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 94.507, 100.807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 247, 1) }
```

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

```
.background{ background-color: rgb(255,  
247, 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](#).

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