

Converting Colors

CIELCh(95, 94.629, 101.224)

Have a look what the booklet for
CIELCh(95, 94.629, 101.224)
contains.

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Color

CIELCh(95, 94.564, 101.060)

Conversions

Conversions Part 1

Format	Color
Hex	FEF701
RGB	254, 247, 1
RGB Percent	100%, 97%, 0%
CMY	0.0038, 0.0312, 0.9955
CMYK	0.00, 0.03, 1.00, 0.00
HSL	58°, 99%, 50%
HSV	58°, 100%, 100%
XYZ	74.1604, 87.6183, 13.0355
YIQ	221.0490, 83.1380, -75.0220

Conversions

Conversions Part 2

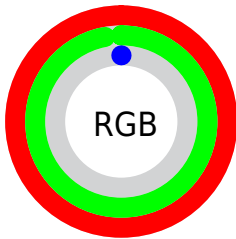
Format	Color
RYB	8, 254, 1
Decimal	16709377
CIELab	95.00, -18.14, 92.81
CIELCh	95, 94.564, 101.060
Yxy	87.6183, 0.4242, 0.5012
Android (android.graphics.Color)	4294899457 (0xFFFEF701)
YUV	221.0490, -108.4842, 28.8980
Hunter-Lab	93.6047, -22.3874, 57.2665

Details

The CIELCh color **95, 94.564, 101.060** 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, 132.156, 306.037**, 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, 77.979, 102.526** is the 20% darker color. If you saturate the color by 10%, you get **95, 94.637, 101.049**, and if you desaturate by 10%, it is **95, 92.403, 101.380**.

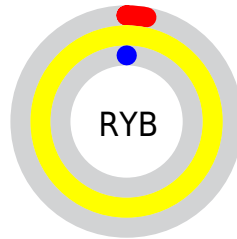
Distribution



Red (100%)

Green (97%)

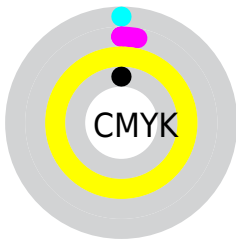
Blue (0%)



Red (3%)

Yellow (100%)

Blue (0%)

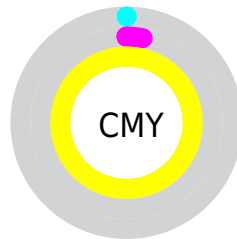


Cyan (0%)

Magenta (3%)

Yellow (100%)

Black (0%)



Cyan (0%)


Magenta (3%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 94.564, 101.060 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, 94.564, 101.060 by changing the saturation by 10% instead.


 95, 94.564,
101.060


 95, 94.564,
101.060


 100, 94.564,
101.060


 85, 94.564,
101.060

 75, 94.564,
101.060

 65, 94.564,
101.060

 55, 94.564,
101.060

 45, 94.564,
101.060

 35, 94.564,
101.060

 25, 94.564,

101.060

■ 15, 94.564,
101.060

■ 5, 94.564, 101.060

■ 95, 94.564,
101.060

■ 95, 94.564,
101.060

■ 95, 94.637,
101.049

■ 95, 92.403,
101.380

■ 95, 87.627,
101.856

■ 96, 80.278,
102.497

■ 96, 70.952,
103.278

■ 97, 60.282,
104.160

■ 97, 48.762,
105.110

■ 98, 36.733,
106.098

■ 98, 24.415,
107.103

■ 99, 11.947,
108.104

Harmonies

Complementary

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



95, 94.564, 101.060



33, 132.156, 306.037

Rectangle

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



95, 94.564, 101.060



95, 94.564, 151.060



95, 94.564, 281.060



95, 94.564, 331.060

Sweetspot

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



95, 94.563, 101.062



98, 37.403, 106.052



53, 102.772, 39.006



52, 25.440, 105.633



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, 94.563, 101.062



95, 94.910, 101.049



90, 107.771, 127.167



53, 7.138, 108.108



74, 76.471, 101.081



25, 34.765, 101.464

Inverse Universe

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



33, 132.156, 306.037



33, 132.734, 306.065



40, 125.393, 310.975



49, 7.292, 290.073



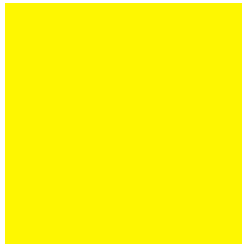
23, 106.536, 305.968



4, 43.250, 301.301

Previews

White Background



This preview shows how the CIELCh color 95, 94.564, 101.060 looks on a white background.

Color Contrast Check

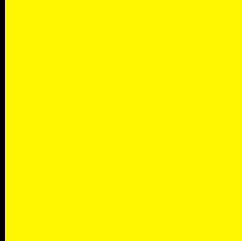
Large Text (above 18pt) WCAG AA × Fail

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, 94.564, 101.060 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, 94.564, 101.060

Background



This preview shows how black text looks on a background with the CIELCh color 95, 94.564, 101.060.

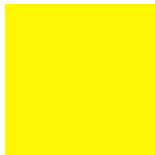


This preview shows how white text looks on a background with the CIELCh color 95, 94.564, 101.060.

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, 94.564, 101.060



Protanopia
95, 30.022, 97.423

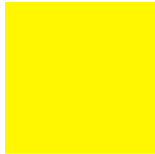


Deuteranopia
95, 12.454, 78.957



Tritanopia
95, 8.502, 347.064

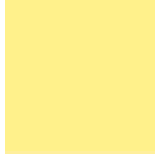
Trichromacy



Original Color
95, 94.564, 101.060



Protanomaly
95, 62.305, 100.702



Deuteranomaly
94, 51.455, 99.760

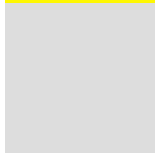


Tritanomaly
94, 42.516, 98.155

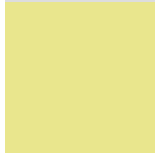
Monochromacy



Original Color
95, 94.564, 101.060



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, 94.564, 101.060 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, 1)` looks like.

```
.text, #text, p{  
    color:rgb(254, 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(254, 247, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 247, 1) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 94.564, 101.060 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, 1) }
```

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

```
.border{ border-color:rgb(254, 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(254, 247, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 247, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 247, 1);  
box-shadow:4px 4px 4px 4px rgb(254, 247,  
1) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 94.564, 101.060 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, 1) }
```

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

```
.background{ background-color: rgb(254,  
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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