

Converting Colors

CIELCh(95, 95.047, 101.973)

Have a look what the booklet for
CIELCh(95, 95.047, 101.973)
contains.

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Color

CIELCh(95, 94.891, 102.086)

Conversions

Conversions Part 1

Format	Color
Hex	FBF800
RGB	251, 248, 0
RGB Percent	98%, 97%, 0%
CMY	0.0158, 0.0275, 1.0000
CMYK	0.00, 0.01, 1.00, 0.02
HSL	59°, 100%, 49%
HSV	59°, 100%, 98%
XYZ	73.3287, 87.6183, 13.0434
YIQ	220.6250, 81.3960, -76.4920

Conversions

Conversions Part 2

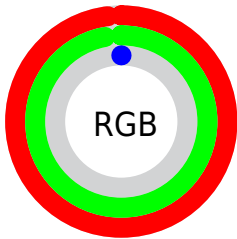
Format	Color
R _Y B	3, 251, 0
Decimal	16513024
CIE Lab	95.00, -19.87, 92.79
CIE LCh	95, 94.891, 102.086
Yxy	87.6183, 0.4215, 0.5036
Android (android.graphics.Color)	4294703104 (0xFFFFBF800)
YUV	220.6250, -108.7681, 26.6389
Hunter-Lab	93.6047, -23.9736, 57.2615

Details

The CIELCh color **95, 94.891, 102.086** 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, 131.736, 306.189**, 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, 78.294, 103.500** is the 20% darker color. If you saturate the color by 10%, you get **95, 94.883, 102.089**, and if you desaturate by 10%, it is **95, 92.736, 102.312**.

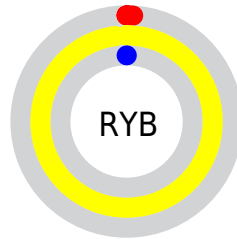
Distribution



Red (98%)

Green (97%)

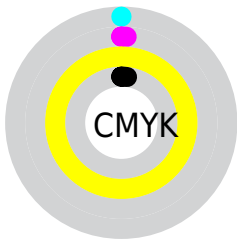
Blue (0%)



Red (1%)

Yellow (98%)

Blue (0%)

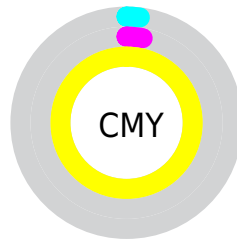


Cyan (0%)

Magenta (1%)

Yellow (100%)

Black (2%)



Cyan (2%)


Magenta (3%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 94.891, 102.086 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, 94.891, 102.086 by changing the saturation by 10% instead.


 95, 94.891,
102.086

 95, 94.891,
102.086

 100, 94.891,
102.086


 85, 94.891,
102.086

 75, 94.891,
102.086

 65, 94.891,
102.086

 55, 94.891,
102.086

 45, 94.891,
102.086

 35, 94.891,
102.086

 25, 94.891,

102.086

■ 15, 94.891,
102.086

■ 5, 94.891, 102.086

■ 95, 94.891,
102.086

■ 95, 94.891,
102.086

■ 95, 94.883,
102.089

■ 95, 92.736,
102.312

■ 95, 88.079,
102.707

■ 95, 80.856,
103.284

■ 96, 71.630,
104.015

■ 96, 61.017,
104.859

■ 96, 49.515,
105.779

■ 97, 37.472,
106.745

■ 97, 25.115,
107.732

■ 98, 12.590,
108.719

Harmonies

Complementary

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



95, 94.891, 102.086



32, 131.736, 306.189

Rectangle

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



95, 94.891, 102.086



95, 94.891, 152.086



95, 94.891, 282.086



95, 94.891, 332.086

Sweetspot

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



95, 94.883, 102.089



98, 37.959, 106.743



52, 102.654, 39.532



52, 25.813, 106.331



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, 94.883, 102.089



96, 96.037, 102.088



89, 107.518, 127.794



52, 7.132, 108.768



74, 76.595, 102.102



25, 34.051, 102.431

Inverse Universe

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



32, 131.736, 306.189



32, 133.348, 306.191



40, 123.987, 311.312



48, 7.290, 290.705



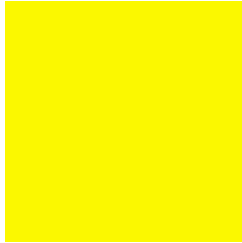
23, 106.165, 306.147



3, 41.675, 300.622

Previews

White Background



This preview shows how the CIE LCh color 95, 94.891, 102.086 looks on a white background.

Color Contrast Check

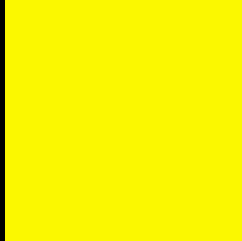
Large Text (above 18pt) WCAG AA × Fail

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, 94.891, 102.086 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, 94.891, 102.086

Background



This preview shows how black text looks on a background with the CIELCh color 95, 94.891, 102.086.

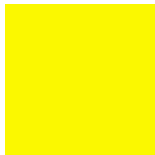


This preview shows how white text looks on a background with the CIELCh color 95, 94.891, 102.086.

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, 94.891, 102.086



Protanopia
95, 30.022, 97.423

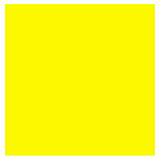


Deuteranopia
95, 12.454, 78.957



Tritanopia
95, 8.787, 344.253

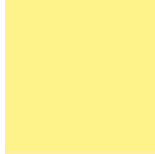
Trichromacy



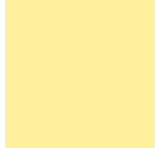
Original Color
95, 94.891, 102.086



Protanomaly
95, 63.093, 101.459



Deuteranomaly
94, 52.275, 100.695

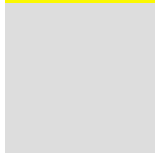


Tritanomaly
94, 42.851, 99.285

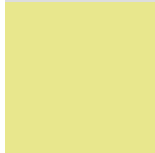
Monochromacy



Original Color
95, 94.891, 102.086



Achromatopsia
88, 0.010, 296.813



Achromatomaly
90, 45.643, 105.910

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 94.891, 102.086 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(251, 248, 0)` looks like.

```
.text, #text, p{  
    color:rgb(251, 248, 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(251, 248, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 248, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 94.891, 102.086 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(251, 248, 0) }
```

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

```
.border{ border-color:rgb(251, 248, 0) }
```

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

Here you see how a box with a 4 pixel rgb(251, 248, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 248, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 248, 0);  
box-shadow:4px 4px 4px 4px rgb(251, 248,  
0) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 94.891, 102.086 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 248, 0) }
```

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

```
.background{ background-color: rgb(251,  
248, 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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