

Converting Colors

CIELCh(96, 95.664, 102.852)

Have a look what the booklet for
CIELCh(96, 95.664, 102.852)
contains.

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Color

CIELCh(96, 95.768, 102.872)

Conversions

Conversions Part 1

Format	Color
Hex	FCFC02
RGB	252, 252, 2
RGB Percent	99%, 99%, 1%
CMY	0.0134, 0.0132, 0.9904
CMYK	0.00, 0.00, 0.99, 0.01
HSL	60°, 98%, 50%
HSV	60°, 99%, 99%
XYZ	74.7014, 90.0078, 13.5053
YIQ	223.5000, 80.2500, -77.7500

Conversions

Conversions Part 2

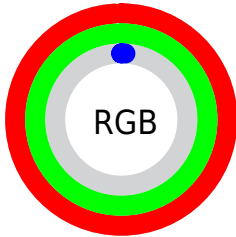
Format	Color
R _Y B	2, 252, 2
Decimal	16579586
CIE Lab	96.00, -21.33, 93.36
CIE LCh	96, 95.768, 102.872
Yxy	90.0078, 0.4192, 0.5051
Android (android.graphics.Color)	4294769666 (0xFFFCFC02)
YUV	223.5000, -109.1995, 24.9945
Hunter-Lab	94.8724, -25.4779, 57.9706

Details

The CIELCh color **96, 95.768, 102.872** 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, 132.044, 306.227**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **97, 75.617, 104.403**, and **76, 79.544, 104.438** is the 20% darker color. If you saturate the color by 10%, you get **96, 95.938, 102.862**, and if you desaturate by 10%, it is **96, 93.401, 103.043**.

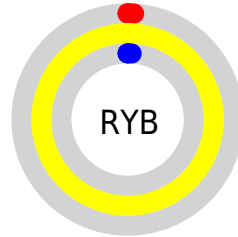
Distribution



Red (99%)

Green (99%)

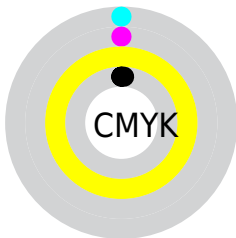
Blue (1%)



Red (1%)

Yellow (99%)

Blue (1%)

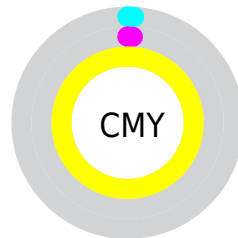


Cyan (0%)

Magenta (0%)

Yellow (99%)

Black (1%)



Cyan (1%)


Magenta (1%)


Yellow (99%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 96, 95.768, 102.872 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 96, 95.768, 102.872 by changing the saturation by 10% instead.


 96, 95.768,
102.872


 96, 95.768,
102.872


 100, 95.768,
102.872


 86, 95.768,
102.872

 76, 95.768,
102.872

 66, 95.768,
102.872

 56, 95.768,
102.872

 46, 95.768,
102.872

 36, 95.768,
102.872

 26, 95.768,

102.872

■ 16, 95.768,
102.872

■ 6, 95.768, 102.872

■ 96, 95.768,
102.872

■ 96, 95.768,
102.872

■ 96, 95.938,
102.862

■ 96, 93.401,
103.043

■ 96, 88.438,
103.403

■ 96, 80.946,
103.955

■ 96, 71.490,
104.666

■ 97, 60.675,
105.494

■ 97, 48.987,
106.400

■ 97, 36.764,
107.353

■ 98, 24.229,
108.328

■ 98, 11.524,
109.304

Harmonies

Complementary

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



96, 95.768, 102.872



32, 132.044, 306.227

Rectangle

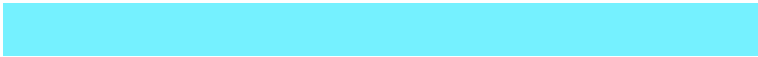
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



96, 95.768, 102.872



96, 95.768, 152.872



96, 95.768, 282.872



96, 95.768, 332.872

Sweetspot

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



96, 95.767, 102.874



98, 38.382, 107.257



53, 103.016, 39.796



52, 26.096, 106.852



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 95.767, 102.874



97, 96.910, 102.862



89, 107.993, 128.243



52, 7.217, 109.259



74, 77.279, 102.862



25, 34.379, 103.083

Inverse Universe

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



32, 132.044, 306.227



32, 133.815, 306.288



41, 123.371, 311.746



48, 7.380, 291.177



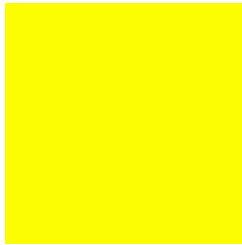
23, 106.708, 306.288



3, 42.026, 300.810

Previews

White Background



This preview shows how the CIELCh color 96, 95.768, 102.872 looks on a white background.

Color Contrast Check

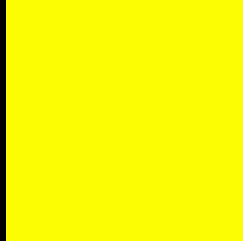
Large Text (above 18pt) WCAG AA × Fail

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 96, 95.768, 102.872 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 96, 95.768, 102.872

Background



This preview shows how black text looks on a background with the CIELCh color 96, 95.768, 102.872.

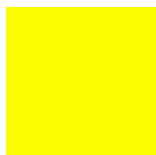


This preview shows how white text looks on a background with the CIELCh color 96, 95.768, 102.872.

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](#).

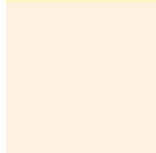
Dichromacy



Original Color
96, 95.906, 102.862



Protanopia
96, 23.277, 98.056

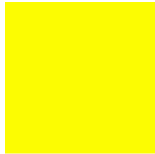


Deuteranopia
96, 9.631, 77.413

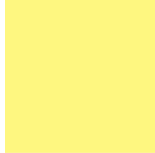


Tritanopia
96, 7.016, 344.104

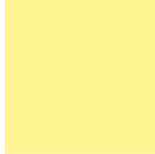
Trichromacy



Original Color
96, 95.906, 102.862



Protanomaly
96, 58.910, 102.792



Deuteranomaly
95, 50.657, 102.093

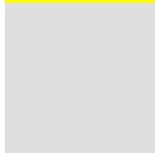


Tritanomaly
95, 43.517, 101.513

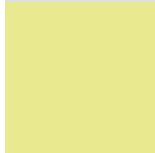
Monochromacy



Original Color
96, 95.906, 102.862



Achromatopsia
89, 0.011, 296.813



Achromatomaly
91, 45.582, 106.445

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 95.768, 102.872 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(252, 252, 2)` looks like.

```
.text, #text, p{  
    color:rgb(252, 252, 2)  
}
```

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(252, 252, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 252, 2) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 95.768, 102.872 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(252, 252, 2) }
```

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

```
.border{ border-color:rgb(252, 252, 2) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 252, 2)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 252, 2); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 252, 2);  
box-shadow:4px 4px 4px 4px rgb(252, 252,  
2) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 95.768, 102.872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 252, 2) }
```

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

```
.background{ background-color: rgb(252,  
252, 2) }
```

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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