

Converting Colors

CIELCh(96, 95.466, 102.345)

Have a look what the booklet for
CIELCh(96, 95.466, 102.345)
contains.

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Color

CIELCh(96, 95.408, 102.371)

Conversions

Conversions Part 1

Format	Color
Hex	FDFB06
RGB	253, 251, 6
RGB Percent	99%, 98%, 2%
CMY	0.0072, 0.0151, 0.9779
CMYK	0.00, 0.01, 0.98, 0.01
HSL	60°, 99%, 51%
HSV	60°, 98%, 99%
XYZ	75.1366, 90.0078, 13.5740
YIQ	223.6680, 79.8370, -75.7710

Conversions

Conversions Part 2

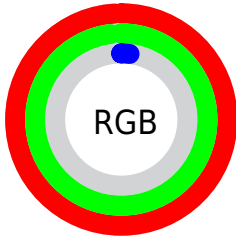
Format	Color
R _Y B	8, 253, 6
Decimal	16644870
CIE Lab	96.00, -20.44, 93.19
CIE LCh	96, 95.408, 102.371
Yxy	90.0078, 0.4204, 0.5036
Android (android.graphics.Color)	4294834950 (0xFFFD FB06)
YUV	223.6680, -107.3103, 25.7242
Hunter-Lab	94.8724, -24.6592, 57.9277

Details

The CIELCh color **96, 95.408, 102.371** 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, 131.803, 306.088**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **97, 75.229, 104.432**, and **76, 79.214, 103.809** is the 20% darker color. If you saturate the color by 10%, you get **96, 95.786, 102.335**, and if you desaturate by 10%, it is **96, 92.818, 102.604**.

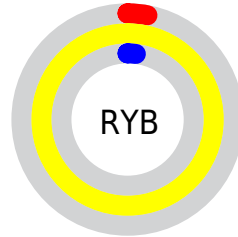
Distribution



Red (99%)

Green (98%)

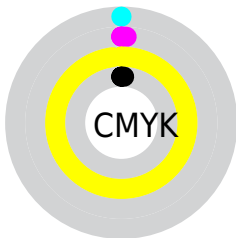
Blue (2%)



Red (3%)

Yellow (99%)

Blue (2%)

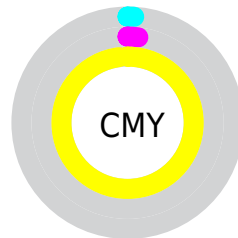


Cyan (0%)

Magenta (1%)

Yellow (98%)

Black (1%)



Cyan (1%)


Magenta (2%)


Yellow (98%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 96, 95.408, 102.371 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, 95.408, 102.371 by changing the saturation by 10% instead.


 96, 95.408,
102.371


 96, 95.408,
102.371


 100, 95.408,
102.371


 86, 95.408,
102.371

 76, 95.408,
102.371

 66, 95.408,
102.371

 56, 95.408,
102.371

 46, 95.408,
102.371

 36, 95.408,
102.371

 26, 95.408,

102.371

■ 16, 95.408,
102.371

■ 6, 95.408, 102.371

■ 96, 95.408,
102.371

■ 96, 95.408,
102.371

■ 96, 95.786,
102.335

■ 96, 92.818,
102.604

■ 96, 87.518,
103.023

■ 96, 79.737,
103.625

■ 97, 70.071,
104.375

■ 97, 59.123,
105.231

■ 97, 47.363,
106.158

■ 98, 35.111,
107.126

■ 98, 22.576,
108.111

■ 99, 9.893, 109.092

Harmonies

Complementary

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



96, 95.408, 102.371



32, 131.803, 306.088

Rectangle

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



96, 95.408, 102.371



96, 95.408, 152.371



96, 95.408, 282.371



96, 95.408, 332.371

Sweetspot

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



96, 95.407, 102.373



98, 36.850, 107.004



53, 102.257, 39.110



52, 25.204, 106.589



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, 95.407, 102.373



97, 96.315, 102.335



90, 107.479, 127.535



53, 7.279, 108.923



75, 77.585, 102.344



26, 35.301, 102.555

Inverse Universe

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



32, 131.803, 306.088



32, 133.498, 306.222



41, 123.848, 311.453



49, 7.441, 290.858



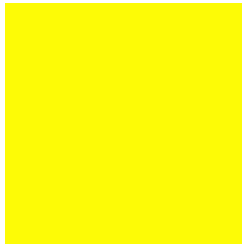
23, 107.413, 306.194



3, 43.871, 301.628

Previews

White Background



This preview shows how the CIE LCh color 96, 95.408, 102.371 looks on a white background.

Color Contrast Check

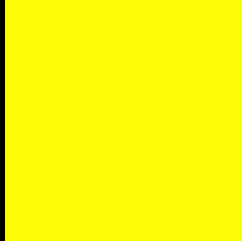
Large Text (above 18pt) WCAG AA × Fail

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, 95.408, 102.371 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, 95.408, 102.371

Background



This preview shows how black text looks on a background with the CIELCh color 96, 95.408, 102.371.

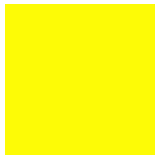


This preview shows how white text looks on a background with the CIELCh color 96, 95.408, 102.371.

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](#).

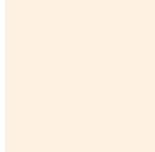
Dichromacy



Original Color
96, 95.339, 102.375



Protanopia
96, 23.277, 98.056

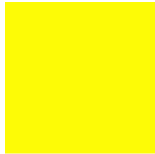


Deuteranopia
96, 9.631, 77.413

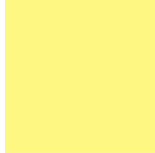


Tritanopia
96, 7.016, 344.104

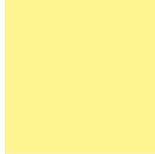
Trichromacy



Original Color
96, 95.339, 102.375



Protanomaly
96, 58.455, 102.808

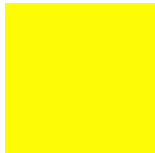


Deuteranomaly
95, 50.182, 102.096

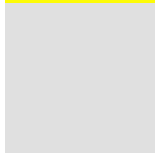


Tritanomaly
95, 42.614, 100.932

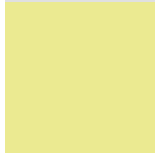
Monochromacy



Original Color
96, 95.339, 102.375



Achromatopsia
89, 0.011, 296.813



Achromatomaly
91, 45.070, 105.990

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 95.408, 102.371 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(253, 251, 6)` looks like.

```
.text, #text, p{  
    color:rgb(253, 251, 6)  
}
```

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(253, 251, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 251, 6) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 95.408, 102.371 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(253, 251, 6) }
```

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

```
.border{ border-color:rgb(253, 251, 6) }
```

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

Here you see how a box with a 4 pixel rgb(253, 251, 6) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 251, 6); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 251, 6);  
box-shadow:4px 4px 4px 4px rgb(253, 251,  
6) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 95.408, 102.371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 251, 6) }
```

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

```
.background{ background-color: rgb(253,  
251, 6) }
```

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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