

Converting Colors

CIELCh(97, 96.525, 102.874)

Have a look what the booklet for
CIELCh(97, 96.525, 102.874)
contains.

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Color

CIELCh(97, 96.638, 102.871)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | FFFF02 |
| RGB | 255, 255, 2 |
| RGB Percent | 100%, 100%, 1% |
| CMY | 0.0017, 0.0016, 0.9910 |
| CMYK | 0.00, 0.00, 0.99, 0.00 |
| HSL | 60°, 100%, 50% |
| HSV | 60°, 99%, 100% |
| XYZ | 76.7195, 92.4403, 13.8642 |
| YIQ | 226.1580, 81.2130, -78.6830 |

Conversions

Conversions Part 2

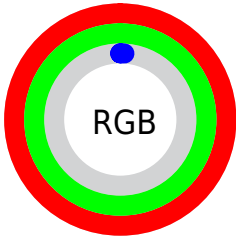
| Format | Color |
|-------------------------------------|---------------------------------|
| R_{YB} | 2, 255, 2 |
| Decimal | 16776962 |
| CIE _{Lab} | 97.00, -21.53, 94.21 |
| CIE _{LCh} | 97, 96.638, 102.871 |
| Yxy | 92.4403, 0.4192, 0.5051 |
| Android (android.graphics.Color) | 4294967042 (0xFFFFFFFF02) |
| YUV | 226.1580, -110.5099, 25.2944 |
| Hunter-Lab | 96.1459, -25.8215, 58.7525 |

Details

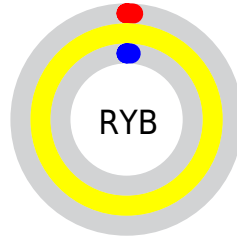
The CIELCh color **97, 96.638, 102.871** is a light color, and the websafe version is hex **FFFF00**. The color can be described as light saturated yellow. A complement of this color would be **32, 133.260, 306.233**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **97, 75.229, 104.432**, and **77, 80.468, 104.727** is the 20% darker color. If you saturate the color by 10%, you get **97, 96.794, 102.862**, and if you desaturate by 10%, it is **97, 94.280, 103.040**.

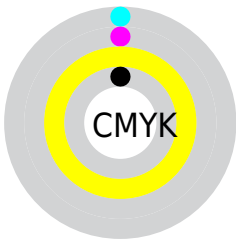
Distribution



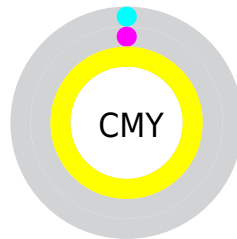
- Red (100%)
- Green (100%)
- Blue (1%)



- Red (1%)
- Yellow (100%)
- Blue (1%)



- Cyan (0%)
- Magenta (0%)
- Yellow (99%)
- Black (0%)





- Cyan (0%)
- Magenta (0%)
- Yellow (99%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 97, 96.638, 102.871 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 97, 96.638, 102.871 by changing the saturation by 10% instead.


 97, 96.638,
102.871


 97, 96.638,
102.871


 100, 96.638,
102.871


 87, 96.638,
102.871

 77, 96.638,
102.871

 67, 96.638,
102.871

 57, 96.638,
102.871

 47, 96.638,
102.871

 37, 96.638,
102.871

 27, 96.638,

102.871

■ 17, 96.638,
102.871

■ 7, 96.638, 102.871

■ 97, 96.638,
102.871

■ 97, 96.638,
102.871

■ 97, 96.794,
102.862

■ 97, 94.280,
103.040

■ 97, 89.303,
103.397

■ 97, 81.767,
103.948

■ 97, 72.238,
104.658

■ 98, 61.332,
105.485

■ 98, 49.538,
106.391

■ 98, 37.202,
107.345

■ 99, 24.550,
108.320

■ 99, 11.725,
109.297

Harmonies

Complementary

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



97, 96.638, 102.871



32, 133.260, 306.233

Rectangle

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



97, 96.638, 102.871



97, 96.638, 152.871



97, 96.638, 282.871



97, 96.638, 332.871

Sweetspot

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



97, 96.637, 102.873



98, 38.382, 107.257



53, 103.980, 39.813



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.



97, 96.637, 102.873



97, 96.910, 102.862



90, 108.995, 128.261



53, 7.338, 109.257



75, 78.056, 102.862



26, 35.525, 103.002

Inverse Universe

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



32, 133.260, 306.233



32, 133.815, 306.288



41, 124.515, 311.735



49, 7.504, 291.180



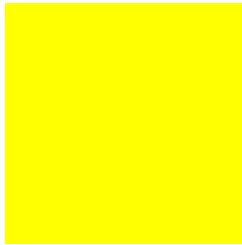
23, 107.780, 306.288



3, 44.127, 301.762

Previews

White Background



This preview shows how the CIELCh color 97, 96.638, 102.871 looks on a white background.

Color Contrast Check

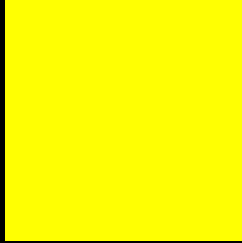
Large Text (above 18pt) WCAG AA × Fail

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 97, 96.638, 102.871 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 97, 96.638, 102.871

Background



This preview shows how black text looks on a background with the CIELCh color 97, 96.638, 102.871.

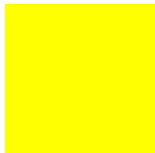


This preview shows how white text looks on a background with the CIELCh color 97, 96.638, 102.871.

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](#).

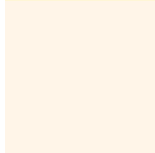
Dichromacy



Original Color
97, 96.774, 102.862



Protanopia
97, 16.616, 97.306

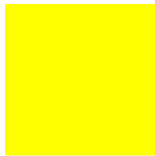


Deuteranopia
97, 7.528, 80.937

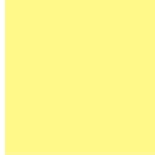


Tritanopia
97, 5.253, 343.947

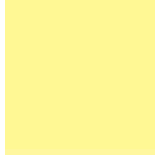
Trichromacy



Original Color
97, 96.774, 102.862



Protanomaly
96, 55.619, 103.351

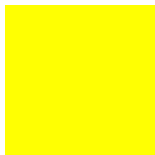


Deuteranomaly
96, 50.037, 103.064

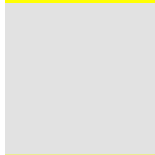


Tritanomaly
96, 44.332, 102.612

Monochromacy



Original Color
97, 96.774, 102.862



Achromatopsia
90, 0.011, 296.813



Achromatomaly
92, 45.980, 106.449

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 96.638, 102.871 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, 255, 2)` looks like.

```
.text, #text, p{  
    color:rgb(255, 255, 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(255, 255, 2) colored shadow looks like.

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

Border

The CSS property to change the border of an element to CIELCh 97, 96.638, 102.871 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, 255, 2) }
```

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

```
.border{ border-color:rgb(255, 255, 2) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 255, 2)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 255, 2); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 255, 2);  
box-shadow:4px 4px 4px 4px rgb(255, 255,  
2) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 96.638, 102.871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 255, 2) }
```

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

```
.background{ background-color: rgb(255,  
255, 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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