

Converting Colors

CIELCh(97, 96.391, 102.906)

Have a look what the booklet for
CIELCh(97, 96.391, 102.906)
contains.

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Color

CIELCh(97, 96.506, 103.130)

Conversions

Conversions Part 1

Format	Color
Hex	FEFF05
RGB	254, 255, 5
RGB Percent	100%, 100%, 2%
CMY	0.0047, 0.0007, 0.9795
CMYK	0.00, 0.00, 0.98, 0.00
HSL	60°, 100%, 51%
HSV	60°, 98%, 100%
XYZ	76.5240, 92.4403, 13.9581
YIQ	226.2010, 79.6540, -77.9620

Conversions

Conversions Part 2

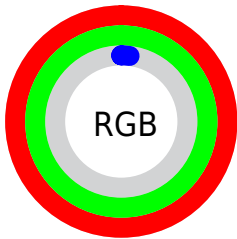
Format	Color
R _Y B	5, 255, 6
Decimal	16711429
CIE Lab	97.00, -21.92, 93.98
CIE LCh	97, 96.506, 103.130
Yxy	92.4403, 0.4183, 0.5054
Android (android.graphics.Color)	4294901509 (0xFFFEFF05)
YUV	226.2010, -109.0521, 24.3797
Hunter-Lab	96.1459, -26.1843, 58.6946

Details

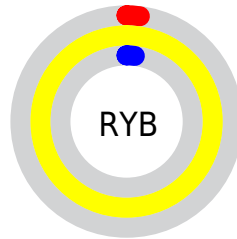
The CIELCh color **97, 96.506, 103.130** is a light color, and the websafe version is hex **FFFF00**. The color can be described as light saturated yellow. A complement of this color would be **33, 132.836, 306.171**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **97, 75.229, 104.432**, and **77, 80.488, 105.038** is the 20% darker color. If you saturate the color by 10%, you get **97, 96.860, 103.111**, and if you desaturate by 10%, it is **97, 93.916, 103.296**.

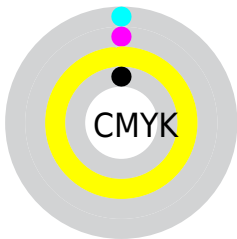
Distribution



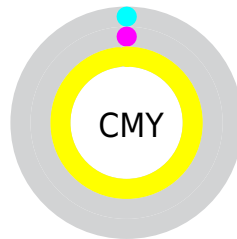
- Red (100%)
- Green (100%)
- Blue (2%)



- Red (2%)
- Yellow (100%)
- Blue (2%)



- Cyan (0%)
- Magenta (0%)
- Yellow (98%)
- Black (0%)





- Cyan (0%)
- Magenta (0%)
- Yellow (98%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 97, 96.506, 103.130 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, 96.506, 103.130 by changing the saturation by 10% instead.


 97, 96.506,
103.130


 97, 96.506,
103.130


 100, 96.506,
103.130


 87, 96.506,
103.130

 77, 96.506,
103.130

 67, 96.506,
103.130

 57, 96.506,
103.130

 47, 96.506,
103.130

 37, 96.506,
103.130

 27, 96.506,

103.130

■ 17, 96.506,
103.130

■ 7, 96.506, 103.130

■ 97, 96.506,
103.130

■ 97, 96.506,
103.130

■ 97, 96.860,
103.111

■ 97, 93.916,
103.296

■ 97, 88.623,
103.662

■ 97, 80.821,
104.222

■ 97, 71.099,
104.939

■ 98, 60.062,
105.770

■ 98, 48.184,
106.677

■ 98, 35.795,
107.628

■ 99, 23.107,
108.599

■ 99, 10.260,
109.568

Harmonies

Complementary

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



97, 96.506, 103.130



33, 132.836, 306.171

Rectangle

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



97, 96.506, 103.130



97, 96.506, 153.130



97, 96.506, 283.130



97, 96.506, 333.130

Sweetspot

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



97, 96.505, 103.132



98, 37.130, 107.527



53, 103.470, 39.584



52, 25.393, 107.119



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, 96.505, 103.132



97, 96.914, 103.111



90, 108.673, 128.125



53, 7.338, 109.418



75, 78.058, 103.107



26, 35.524, 103.221

Inverse Universe

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



33, 132.836, 306.171



32, 133.798, 306.295



41, 124.114, 311.814



49, 7.504, 291.328



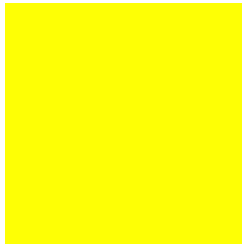
23, 107.760, 306.299



3, 44.137, 301.843

Previews

White Background



This preview shows how the CIELCh color 97, 96.506, 103.130 looks on a white background.

Color Contrast Check

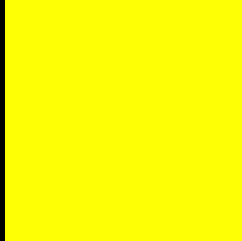
Large Text (above 18pt) WCAG AA × Fail

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, 96.506, 103.130 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, 96.506, 103.130

Background



This preview shows how black text looks on a background with the CIELCh color 97, 96.506, 103.130.

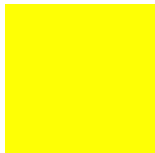


This preview shows how white text looks on a background with the CIELCh color 97, 96.506, 103.130.

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](#).

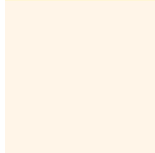
Dichromacy



Original Color
97, 96.574, 103.125



Protanopia
97, 16.616, 97.306

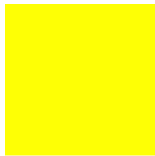


Deuteranopia
97, 7.528, 80.937

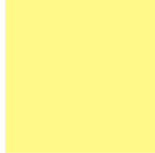


Tritanopia
97, 5.253, 343.947

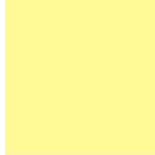
Trichromacy



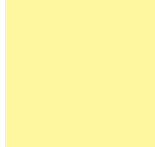
Original Color
97, 96.574, 103.125



Protanomaly
96, 55.156, 103.368

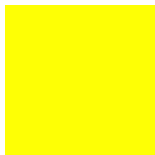


Deuteranomaly
96, 49.509, 103.552

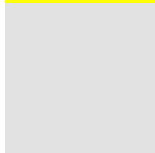


Tritanomaly
96, 43.847, 102.609

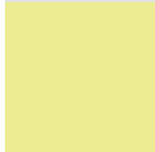
Monochromacy



Original Color
97, 96.574, 103.125



Achromatopsia
90, 0.011, 296.813



Achromatomaly
92, 45.495, 106.489

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 96.506, 103.130 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, 255, 5)` looks like.

```
.text, #text, p{  
    color:rgb(254, 255, 5)  
}
```

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, 255, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 255, 5) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 96.506, 103.130 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, 255, 5) }
```

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

```
.border{ border-color:rgb(254, 255, 5) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 255, 5)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 255, 5); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 255, 5);  
box-shadow:4px 4px 4px 4px rgb(254, 255,  
5) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 96.506, 103.130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 255, 5) }
```

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

```
.background{ background-color: rgb(254,  
255, 5) }
```

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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