

Converting Colors

CIELCh(97, 75.691, 104.396)

Have a look what the booklet for
CIELCh(97, 75.691, 104.396)
contains.

CIELCh(97, 76.004, 104.357)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(97, 76.004, 104.357)

Conversions

Conversions Part 1

Format	Color
Hex	FEFE5E
RGB	254, 254, 94
RGB Percent	100%, 100%, 37%
CMY	0.0055, 0.0054, 0.6328
CMYK	0.00, 0.00, 0.63, 0.01
HSL	60°, 98%, 68%
HSV	60°, 63%, 99%
XYZ	78.0524, 92.4403, 24.2297
YIQ	235.7600, 51.3600, -49.7600

Conversions

Conversions Part 2

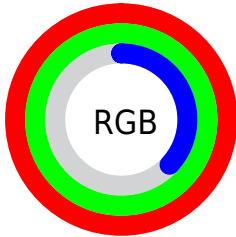
Format	Color
RYB	94, 254, 94
Decimal	16711262
CIELab	97.00, -18.85, 73.63
CIELCh	97, 76.004, 104.357
Yxy	92.4403, 0.4008, 0.4747
Android (android.graphics.Color)	4294901342 (0xFFFEFE5E)
YUV	235.7600, -69.8877, 15.9965
Hunter-Lab	96.1459, -23.3469, 52.3605

Details

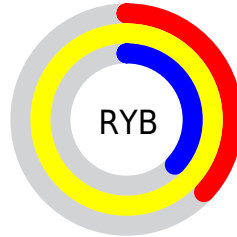
The CIELCh color **97, 76.004, 104.357** is a light color, and the websafe version is hex **FFFF66**. The color can be described as light muted yellow. A complement of this color would be **49, 92.420, 300.450**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 51.641, 106.227**, and **77, 76.067, 104.523** is the 20% darker color. If you saturate the color by 10%, you get **97, 84.791, 103.708**, and if you desaturate by 10%, it is **97, 65.611, 105.145**.

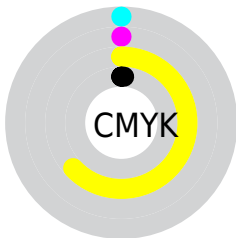
Distribution



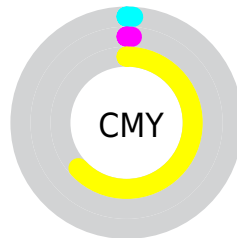
- Red (100%)
- Green (100%)
- Blue (37%)



- Red (37%)
- Yellow (100%)
- Blue (37%)



- Cyan (0%)
- Magenta (0%)
- Yellow (63%)
- Black (1%)





- Cyan (1%)
- Magenta (1%)
- Yellow (63%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 97, 76.004, 104.357 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, 76.004, 104.357 by changing the saturation by 10% instead.


 97, 76.004,
104.357


 97, 76.004,
104.357


 100, 76.004,
104.357


 87, 76.004,
104.357

 77, 76.004,
104.357

 67, 76.004,
104.357

 57, 76.004,
104.357

 47, 76.004,
104.357

 37, 76.004,
104.357

 27, 76.004,

104.357

■ 17, 76.004,
104.357

■ 7, 76.004, 104.357

■ 97, 76.004,
104.357

■ 97, 76.004,
104.357

■ 97, 84.791,
103.708

■ 97, 65.611,
105.145

■ 97, 91.345,
103.231

■ 97, 54.157,
106.024

■ 97, 95.209,
102.955

■ 98, 42.042,
106.962

■ 97, 96.515,
102.863

■ 98, 29.533,
107.931

99, 16.803,
108.909

99, 3.961, 109.868

100, 0.709,
290.422

100, 0.709,
290.542

100, 0.709,
290.662

Harmonies

Complementary

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



97, 76.004, 104.357



49, 92.420, 300.450

Rectangle

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



97, 76.004, 104.357



97, 76.004, 154.357



97, 76.004, 284.357



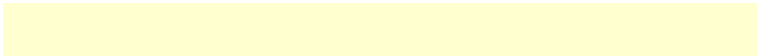
97, 76.004, 334.357

Sweetspot

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



97, 76.005, 104.359



99, 24.459, 108.330



61, 69.238, 28.545



53, 16.812, 108.050



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, 76.005, 104.359



97, 87.330, 103.548



92, 82.730, 126.357



53, 7.338, 109.257



75, 78.056, 102.862



26, 35.525, 103.003

Inverse Universe

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



49, 92.420, 300.450



41, 112.549, 303.272



56, 91.119, 312.238



49, 7.504, 291.180



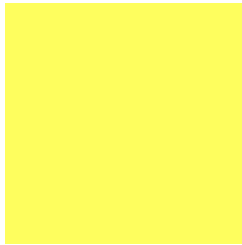
23, 107.780, 306.288



3, 44.127, 301.762

Previews

White Background



This preview shows how the CIELCh color 97, 76.004, 104.357 looks on a white background.

Color Contrast Check

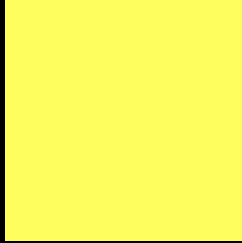
Large Text (above 18pt) WCAG AA × Fail

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, 76.004, 104.357 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, 76.004, 104.357

Background



This preview shows how black text looks on a background with the CIELCh color 97, 76.004, 104.357.



This preview shows how white text looks on a background with the CIELCh color 97, 76.004, 104.357.

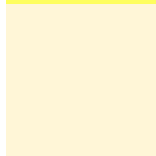
Color Blindness Simulation

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](#).

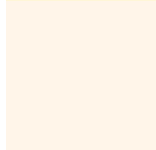
Dichromacy



Original Color
97, 76.004, 104.357



Protanopia
97, 16.117, 96.999

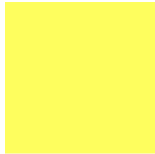


Deuteranopia
97, 7.081, 79.029



Tritanopia
97, 5.567, 339.698

Trichromacy



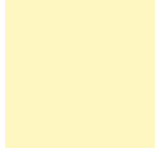
Original Color
97, 76.004, 104.357



Protanomaly
97, 39.321, 104.276



Deuteranomaly
97, 33.443, 103.606

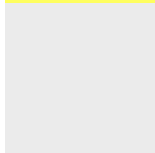


Tritanomaly
97, 27.513, 102.475

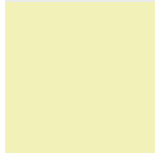
Monochromacy



Original Color
97, 76.004, 104.357



Achromatopsia
93, 0.011, 296.813



Achromatomaly
94, 29.504, 107.843

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 76.004, 104.357 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, 254, 94)` looks like.

```
.text, #text, p{  
    color:rgb(254, 254, 94)  
}
```

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, 254, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 254, 94) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 76.004, 104.357 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, 254, 94) }
```

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

```
.border{ border-color:rgb(254, 254, 94) }
```

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

Here you see how a box with a 4 pixel rgb(254, 254, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 254, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 254, 94);  
box-shadow:4px 4px 4px 4px rgb(254, 254,  
94) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 76.004, 104.357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 254, 94) }
```

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

```
.background{ background-color: rgb(254,  
254, 94) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor