

Converting Colors

CIELCh(93, 67.819, 103.887)

Have a look what the booklet for
CIELCh(93, 67.819, 103.887)
contains.

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Color

CIELCh(93, 67.719, 104.074)

Conversions

Conversions Part 1

Format	Color
Hex	F3F166
RGB	243, 241, 102
RGB Percent	95%, 95%, 40%
CMY	0.0468, 0.0547, 0.5998
CMYK	0.00, 0.01, 0.58, 0.05
HSL	59°, 86%, 68%
HSV	59°, 58%, 95%
XYZ	70.8530, 82.9670, 24.8634
YIQ	225.7520, 45.8110, -42.8050

Conversions

Conversions Part 2

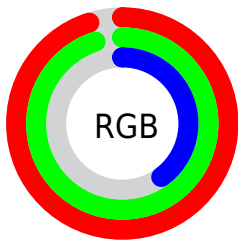
Format	Color
RYB	104, 243, 102
Decimal	15987046
CIELab	93.00, -16.47, 65.69
CIElCh	93, 67.719, 104.074
Yxy	82.9670, 0.3965, 0.4643
Android (android.graphics.Color)	4294177126 (0xFFFF3F166)
YUV	225.7520, -61.0097, 15.1265
Hunter-Lab	91.0862, -20.5517, 47.5762

Details

The CIELCh color **93, 67.719, 104.074** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **51, 80.209, 298.806**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 48.317, 106.483**, and **73, 67.591, 104.010** is the 20% darker color. If you saturate the color by 10%, you get **93, 77.031, 103.314**, and if you desaturate by 10%, it is **93, 57.178, 104.942**.

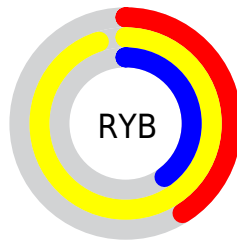
Distribution



Red (95%)

Green (95%)

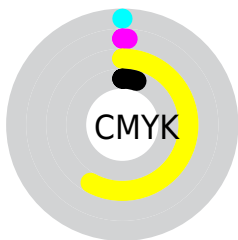
Blue (40%)



Red (41%)

Yellow (95%)

Blue (40%)

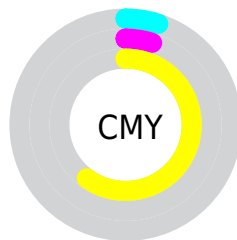


Cyan (0%)

Magenta (1%)

Yellow (58%)

Black (5%)



Cyan (5%)


Magenta (5%)


Yellow (60%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 93, 67.719, 104.074 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 93, 67.719, 104.074 by changing the saturation by 10% instead.


 93, 67.719,
104.074


 93, 67.719,
104.074


 100, 67.719,
104.074


 83, 67.719,
104.074

 73, 67.719,
104.074

 63, 67.719,
104.074

 53, 67.719,
104.074

 43, 67.719,
104.074

 33, 67.719,
104.074

 23, 67.719,

104.074

■ 13, 67.719,
104.074

■ 3, 67.719, 104.074

■ 93, 67.719,
104.074

■ 93, 67.719,
104.074

■ 93, 77.031,
103.314

■ 93, 57.178,
104.942

■ 93, 84.527,
102.695

■ 94, 45.856,
105.876

■ 92, 89.624,
102.251

■ 94, 34.065,
106.849

■ 92, 92.116,
101.987

■ 95, 22.007,
107.838

92, 92.457,
101.945

- 95, 9.808, 108.823
- 96, 2.451, 289.838
- 96, 5.915, 289.265
- 96, 5.740, 288.026
- 96, 5.568, 286.709

Harmonies

Complementary

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



93, 67.719, 104.074



51, 80.209, 298.806

Rectangle

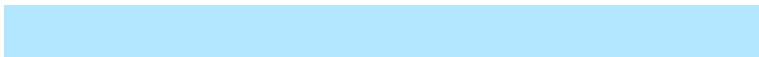
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93, 67.719, 104.074



93, 67.719, 154.074



93, 67.719, 284.074



93, 67.719, 334.074

Sweetspot

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



93, 67.720, 104.077



99, 21.601, 107.934



61, 60.470, 25.950



53, 14.439, 107.734



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



93, 67.720, 104.077



97, 81.749, 103.166



89, 74.028, 125.878



51, 6.997, 108.678



73, 75.699, 101.960



23, 32.798, 102.418

Inverse Universe

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



51, 80.209, 298.806



45, 102.239, 301.580



57, 81.177, 311.531



47, 7.151, 290.614



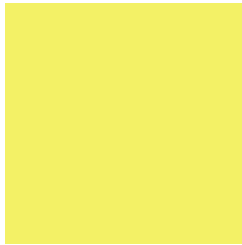
22, 104.984, 306.118



3, 39.511, 299.542

Previews

White Background



This preview shows how the CIELCh color 93, 67.719, 104.074 looks on a white background.

Color Contrast Check

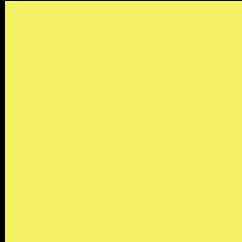
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 93, 67.719, 104.074 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 93, 67.719, 104.074

Background



This preview shows how black text looks on a background with the CIELCh color 93, 67.719, 104.074.

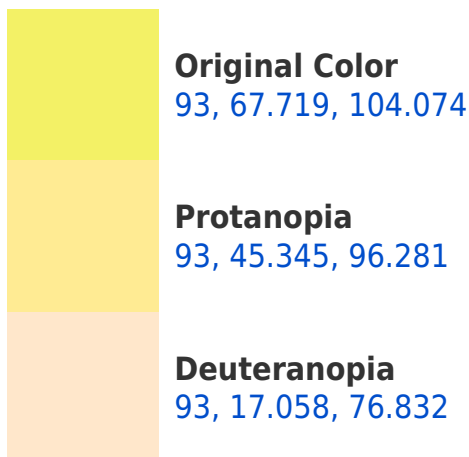


This preview shows how white text looks on a background with the CIELCh color 93, 67.719, 104.074.

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](#).

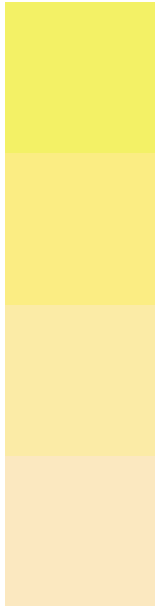
Dichromacy





Tritanopia
93, 12.962, 340.828

Trichromacy



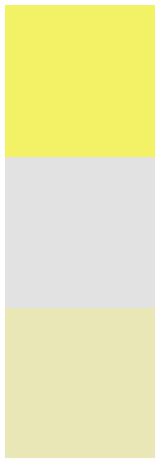
Original Color
93, 67.719, 104.074

Protanomaly
93, 53.453, 99.734

Deuteranomaly
93, 35.765, 97.130

Tritanomaly
93, 21.825, 89.006

Monochromacy



Original Color
93, 67.719, 104.074

Achromatopsia
90, 0.011, 296.813

Achromatomaly
91, 25.690, 107.217

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 67.719, 104.074 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(243, 241, 102)` looks like.

```
.text, #text, p{  
    color:rgb(243, 241, 102)  
}
```

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(243, 241, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 241, 102) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 67.719, 104.074 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(243, 241, 102) }
```

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

```
.border{ border-color:rgb(243, 241, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 241, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 241, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 241, 102);  
box-shadow:4px 4px 4px 4px rgb(243, 241,  
102) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 67.719, 104.074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 241, 102) }
```

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

```
.background{ background-color: rgb(243,  
241, 102) }
```

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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