

Converting Colors

CIELCh(93, 72.650, 101.393)

Have a look what the booklet for
CIELCh(93, 72.650, 101.393)
contains.

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Color

CIELCh(93, 72.686, 101.406)

Conversions

Conversions Part 1

Format	Color
Hex	F9F059
RGB	249, 240, 89
RGB Percent	98%, 94%, 35%
CMY	0.0246, 0.0598, 0.6520
CMYK	0.00, 0.04, 0.64, 0.02
HSL	57°, 93%, 66%
HSV	57°, 64%, 98%
XYZ	71.8389, 82.9670, 21.6205
YIQ	225.4770, 53.8350, -45.0530

Conversions

Conversions Part 2

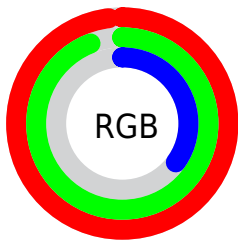
Format	Color
R _Y B	99, 249, 89
Decimal	16379993
CIE Lab	93.00, -14.37, 71.25
CIE LCh	93, 72.686, 101.406
Yxy	82.9670, 0.4072, 0.4703
Android (android.graphics.Color)	4294570073 (0xFFFF9F059)
YUV	225.4770, -67.2832, 20.6297
Hunter-Lab	91.0862, -18.6196, 49.6871

Details

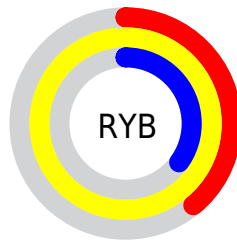
The CIELCh color **93, 72.686, 101.406** is a light color, and the websafe version is hex **FFFF66**. The color can be described as light muted yellow. A complement of this color would be **49, 87.421, 298.832**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 54.455, 106.010**, and **73, 72.663, 101.384** is the 20% darker color. If you saturate the color by 10%, you get **92, 80.944, 100.598**, and if you desaturate by 10%, it is **94, 62.883, 102.317**.

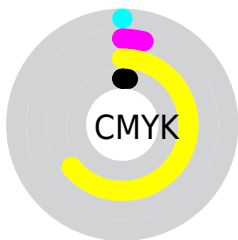
Distribution



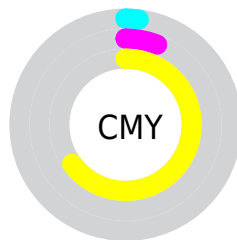
- Red (98%)
- Green (94%)
- Blue (35%)



- Red (39%)
- Yellow (98%)
- Blue (35%)



- Cyan (0%)
- Magenta (4%)
- Yellow (64%)
- Black (2%)



- Cyan (2%)
- Magenta (6%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 93, 72.686, 101.406 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, 72.686, 101.406 by changing the saturation by 10% instead.


 93, 72.686,
101.406

 93, 72.686,
101.406

 100, 72.686,
101.406

 83, 72.686,
101.406

 73, 72.686,
101.406

 63, 72.686,
101.406

 53, 72.686,
101.406

 43, 72.686,
101.406

 33, 72.686,
101.406

 23, 72.686,

101.406

■ 13, 72.686,
101.406

■ 3, 72.686, 101.406

■ 93, 72.686,
101.406

■ 93, 72.686,
101.406

■ 92, 80.944,
100.598

■ 94, 62.883,
102.317

■ 92, 86.995, 99.912

■ 94, 52.095,
103.292

■ 92, 90.331, 99.361

■ 95, 40.716,
104.308

■ 91, 91.226, 99.093

■ 96, 29.003,
105.341

97, 17.119,
106.374

97, 5.162, 107.382

98, 2.819, 284.822

99, 2.219, 270.372

99, 1.846, 248.017

Harmonies

Complementary

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



93, 72.686, 101.406



49, 87.421, 298.832

Rectangle

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



93, 72.686, 101.406



93, 72.686, 151.406



93, 72.686, 281.406



93, 72.686, 331.406

Sweetspot

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



93, 72.687, 101.409



98, 23.157, 105.889



60, 67.570, 24.269



52, 15.925, 105.593



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, 72.687, 101.409



94, 84.458, 100.394



91, 81.259, 123.902



52, 6.823, 106.866



71, 74.185, 99.159



24, 32.854, 99.907

Inverse Universe

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



49, 87.421, 298.832



42, 108.089, 301.922



53, 91.418, 310.431



48, 6.960, 288.872



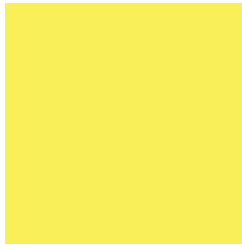
23, 104.200, 305.631



4, 40.369, 299.892

Previews

White Background



This preview shows how the CIELCh color 93, 72.686, 101.406 looks on a white background.

Color Contrast Check

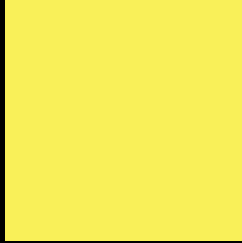
Large Text (above 18pt) WCAG AA × Fail

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 93, 72.686, 101.406 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, 72.686, 101.406

Background



This preview shows how black text looks on a background with the CIELCh color 93, 72.686, 101.406.

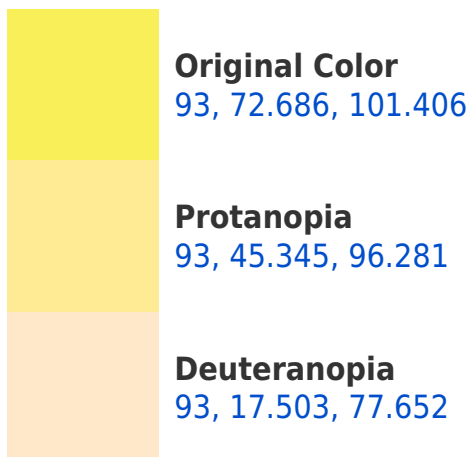


This preview shows how white text looks on a background with the CIELCh color 93, 72.686, 101.406.

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



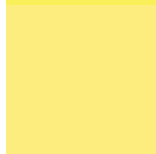


Tritanopia
93, 12.064, 346.546

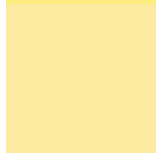
Trichromacy



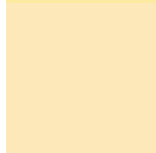
Original Color
93, 72.686, 101.406



Protanomaly
93, 55.878, 98.937



Deuteranomaly
93, 38.001, 95.657



Tritanomaly
93, 25.495, 89.599

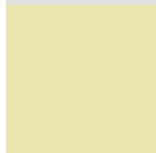
Monochromacy



Original Color
93, 72.686, 101.406



Achromatopsia
90, 0.011, 296.813



Achromatomaly
90, 28.286, 104.706

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 72.686, 101.406 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(249, 240, 89)` looks like.

```
.text, #text, p{  
    color:rgb(249, 240, 89)  
}
```

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(249, 240, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 240, 89) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 72.686, 101.406 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(249, 240, 89) }
```

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

```
.border{ border-color:rgb(249, 240, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 240, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 240, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 240, 89);  
box-shadow:4px 4px 4px 4px rgb(249, 240,  
89) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 72.686, 101.406 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 240, 89) }
```

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

```
.background{ background-color: rgb(249,  
240, 89) }
```

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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