

Converting Colors

CIELCh(93, 70.102, 104.614)

Have a look what the booklet for
CIELCh(93, 70.102, 104.614)
contains.

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Color

CIELCh(93, 70.166, 104.599)

Conversions

Conversions Part 1

Format	Color
Hex	F2F261
RGB	242, 242, 97
RGB Percent	95%, 95%, 38%
CMY	0.0524, 0.0523, 0.6209
CMYK	0.00, 0.00, 0.60, 0.05
HSL	60°, 84%, 66%
HSV	60°, 60%, 95%
XYZ	70.2835, 82.9670, 23.5366
YIQ	225.4700, 46.5450, -45.0950

Conversions

Conversions Part 2

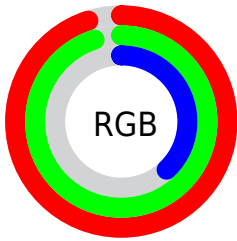
Format	Color
R_{YB}	97, 242, 97
Decimal	15921761
CIE Lab	93.00, -17.69, 67.90
CIE LCh	93, 70.166, 104.599
Yxy	82.9670, 0.3976, 0.4693
Android (android.graphics.Color)	4294111841 (0xFFFF2F261)
YUV	225.4700, -63.3357, 14.4968
Hunter-Lab	91.0862, -21.6677, 48.4399

Details

The CIELCh color **93, 70.166, 104.599** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **49, 84.116, 299.722**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 50.696, 106.300**, and **73, 70.026, 104.523** is the 20% darker color. If you saturate the color by 10%, you get **93, 79.183, 103.903**, and if you desaturate by 10%, it is **93, 59.792, 105.419**.

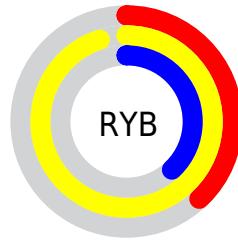
Distribution



Red (95%)

Green (95%)

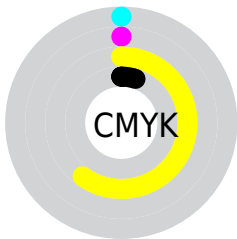
Blue (38%)



Red (38%)

Yellow (95%)

Blue (38%)

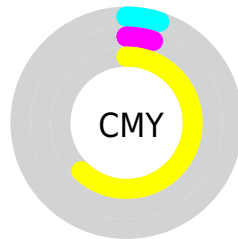


Cyan (0%)

Magenta (0%)

Yellow (60%)

Black (5%)



Cyan (5%)


Magenta (5%)


Yellow (62%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 93, 70.166, 104.599 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, 70.166, 104.599 by changing the saturation by 10% instead.


 93, 70.166,
104.599


 93, 70.166,
104.599

 100, 70.166,
104.599


 83, 70.166,
104.599

 73, 70.166,
104.599

 63, 70.166,
104.599

 53, 70.166,
104.599

 43, 70.166,
104.599

 33, 70.166,
104.599

 23, 70.166,

104.599

■ 13, 70.166,
104.599

■ 3, 70.166, 104.599

■ 93, 70.166,
104.599

■ 93, 70.166,
104.599

■ 93, 79.183,
103.903

■ 93, 59.792,
105.419

■ 93, 86.253,
103.367

■ 94, 48.540,
106.318

■ 93, 90.848,
103.024

■ 94, 36.747,
107.266

■ 93, 93.046,
102.863

■ 94, 24.638,
108.238

93, 93.046,
102.863

95, 12.354,
109.212

95, 0.012, 296.131

96, 6.851, 290.726

96, 6.851, 290.738

96, 6.851, 290.750

Harmonies

Complementary

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



93, 70.166, 104.599



49, 84.116, 299.722

Rectangle

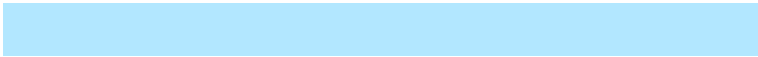
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93, 70.166, 104.599



93, 70.166, 154.599



93, 70.166, 284.599



93, 70.166, 334.599

Sweetspot

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



93, 70.167, 104.601



99, 23.180, 108.428



60, 62.943, 27.628



53, 16.088, 108.143



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, 70.167, 104.601



97, 84.295, 103.770



88, 76.242, 126.422



50, 6.974, 109.263



72, 75.720, 102.862



23, 31.945, 103.316

Inverse Universe

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



49, 84.116, 299.722



43, 106.721, 302.435



55, 83.531, 312.106



46, 7.131, 291.173



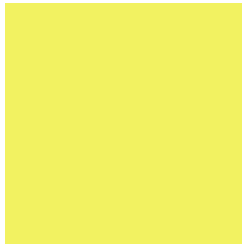
22, 104.555, 306.288



3, 37.810, 298.754

Previews

White Background



This preview shows how the CIELCh color 93, 70.166, 104.599 looks on a white background.

Color Contrast Check

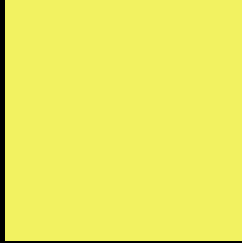
Large Text (above 18pt) WCAG AA × Fail

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, 70.166, 104.599 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, 70.166, 104.599

Background



This preview shows how black text looks on a background with the CIELCh color 93, 70.166, 104.599.

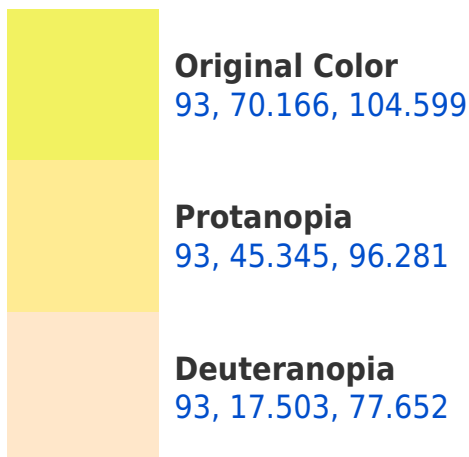


This preview shows how white text looks on a background with the CIELCh color 93, 70.166, 104.599.

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](#).

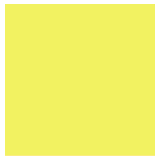
Dichromacy





Tritanopia
93, 13.289, 339.105

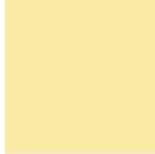
Trichromacy



Original Color
93, 70.166, 104.599



Protanomaly
93, 54.338, 100.186



Deuteranomaly
93, 36.681, 97.916

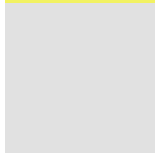


Tritanomaly
92, 22.675, 90.661

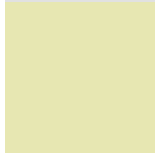
Monochromacy



Original Color
93, 70.166, 104.599



Achromatopsia
90, 0.011, 296.813



Achromatomaly
90, 27.213, 107.949

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 70.166, 104.599 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(242, 242, 97)` looks like.

```
.text, #text, p{  
    color:rgb(242, 242, 97)  
}
```

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(242, 242, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 242, 97) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 70.166, 104.599 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(242, 242, 97) }
```

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

```
.border{ border-color:rgb(242, 242, 97) }
```

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

Here you see how a box with a 4 pixel rgb(242, 242, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 242, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 242, 97);  
box-shadow:4px 4px 4px 4px rgb(242, 242,  
97) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 70.166, 104.599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 242, 97) }
```

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

```
.background{ background-color: rgb(242,  
242, 97) }
```

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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