

Converting Colors

CIELCh(93, 69.581, 104.652)

Have a look what the booklet for
CIELCh(93, 69.581, 104.652)
contains.

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Color

CIELCh(93, 69.760, 104.631)

Conversions

Conversions Part 1

Format	Color
Hex	F2F262
RGB	242, 242, 98
RGB Percent	95%, 95%, 38%
CMY	0.0525, 0.0524, 0.6171
CMYK	0.00, 0.00, 0.60, 0.05
HSL	60°, 84%, 67%
HSV	60°, 60%, 95%
XYZ	70.3136, 82.9670, 23.7743
YIQ	225.5840, 46.2240, -44.7840

Conversions

Conversions Part 2

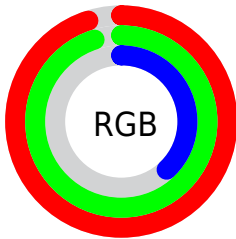
Format	Color
R _Y B	98, 242, 98
Decimal	15921762
CIE Lab	93.00, -17.62, 67.50
CIE LCh	93, 69.760, 104.631
Yxy	82.9670, 0.3971, 0.4686
Android (android.graphics.Color)	4294111842 (0xFFFF2F262)
YUV	225.5840, -62.8989, 14.3968
Hunter-Lab	91.0862, -21.6086, 48.2851

Details

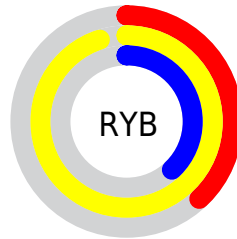
The CIELCh color **93, 69.760, 104.631** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **49, 83.482, 299.632**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 50.222, 106.336**, and **73, 69.748, 104.552** is the 20% darker color. If you saturate the color by 10%, you get **93, 78.843, 103.930**, and if you desaturate by 10%, it is **93, 59.343, 105.455**.

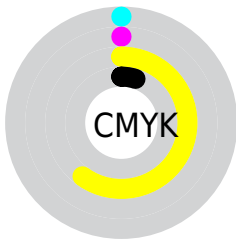
Distribution



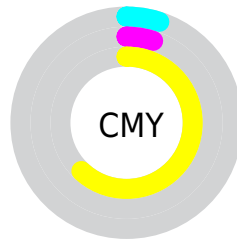
- Red (95%)
- Green (95%)
- Blue (38%)



- 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, 69.760, 104.631 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, 69.760, 104.631 by changing the saturation by 10% instead.


 93, 69.760,
104.631


 93, 69.760,
104.631


 100, 69.760,
104.631


 83, 69.760,
104.631

 73, 69.760,
104.631

 63, 69.760,
104.631

 53, 69.760,
104.631

 43, 69.760,
104.631

 33, 69.760,
104.631

 23, 69.760,

104.631

■ 13, 69.760,
104.631

■ 3, 69.760, 104.631

■ 93, 69.760,
104.631

■ 93, 69.760,
104.631

■ 93, 78.843,
103.930

■ 93, 59.343,
105.455

■ 93, 86.004,
103.386

■ 94, 48.064,
106.357

■ 93, 90.706,
103.035

■ 94, 36.255,
107.306

■ 93, 92.966,
102.869

■ 94, 24.137,
108.278

93, 93.039,
102.863

95, 11.849,
109.252

95, 0.518, 290.368

96, 6.863, 290.728

96, 6.863, 290.741

96, 6.863, 290.754

Harmonies

Complementary

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



93, 69.760, 104.631



49, 83.482, 299.632

Rectangle

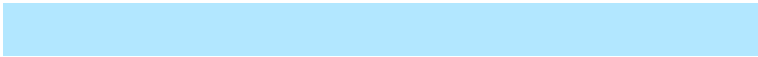
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93, 69.760, 104.631



93, 69.760, 154.631



93, 69.760, 284.631



93, 69.760, 334.631

Sweetspot

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



93, 69.761, 104.633



99, 23.180, 108.428



60, 62.458, 27.518



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, 69.761, 104.633



97, 84.295, 103.770



88, 75.785, 126.432



50, 6.974, 109.264



72, 75.720, 102.863



23, 31.945, 103.317

Inverse Universe

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



49, 83.482, 299.632



43, 106.721, 302.435



56, 82.975, 312.089



46, 7.131, 291.174



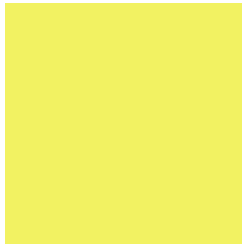
22, 104.555, 306.288



3, 37.810, 298.754

Previews

White Background



This preview shows how the CIELCh color 93, 69.760, 104.631 looks on a white background.

Color Contrast Check

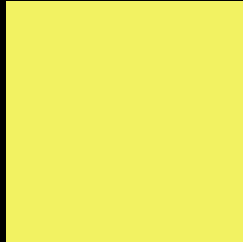
Large Text (above 18pt) WCAG AA × Fail

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, 69.760, 104.631 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, 69.760, 104.631

Background



This preview shows how black text looks on a background with the CIELCh color 93, 69.760, 104.631.

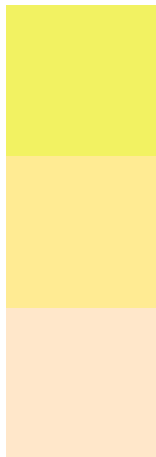


This preview shows how white text looks on a background with the CIELCh color 93, 69.760, 104.631.

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
93, 69.760, 104.631

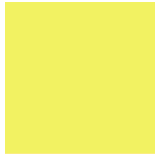
Protanopia
93, 45.345, 96.281

Deuteranopia
93, 17.503, 77.652



Tritanopia
93, 13.289, 339.105

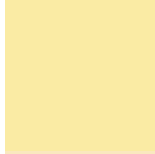
Trichromacy



Original Color
93, 69.760, 104.631



Protanomaly
93, 54.338, 100.186



Deuteranomaly
93, 36.681, 97.916

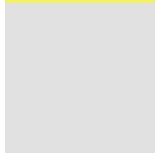


Tritanomaly
92, 22.185, 90.323

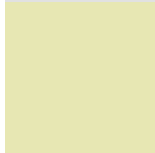
Monochromacy



Original Color
93, 69.760, 104.631



Achromatopsia
90, 0.011, 296.813



Achromatomaly
91, 26.706, 107.991

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 69.760, 104.631 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, 98)` looks like.

```
.text, #text, p{  
    color:rgb(242, 242, 98)  
}
```

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, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 242, 98) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 69.760, 104.631 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, 98) }
```

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

```
.border{ border-color:rgb(242, 242, 98) }
```

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, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 242, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 242, 98);  
box-shadow:4px 4px 4px 4px rgb(242, 242,  
98) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 69.760, 104.631 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, 98) }
```

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

```
.background{ background-color: rgb(242,  
242, 98) }
```

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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