

Converting Colors

CIELCh(93, 67.323, 104.738)

Have a look what the booklet for
CIELCh(93, 67.323, 104.738)
contains.

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Color

CIELCh(93, 67.294, 104.455)

Conversions

Conversions Part 1

Format	Color
Hex	F2F167
RGB	242, 241, 103
RGB Percent	95%, 95%, 40%
CMY	0.0500, 0.0539, 0.5951
CMYK	0.00, 0.00, 0.57, 0.05
HSL	60°, 85%, 68%
HSV	60°, 57%, 95%
XYZ	70.6982, 82.9670, 25.1836
YIQ	225.5670, 44.8940, -42.7060

Conversions

Conversions Part 2

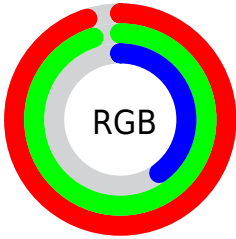
Format	Color
RYB	104, 242, 103
Decimal	15921511
CIELab	93.00, -16.80, 65.16
CIElCh	93, 67.294, 104.455
Yxy	82.9670, 0.3953, 0.4639
Android (android.graphics.Color)	4294111591 (0xFFFF2F167)
YUV	225.5670, -60.4255, 14.4117
Hunter-Lab	91.0862, -20.8550, 47.3678

Details

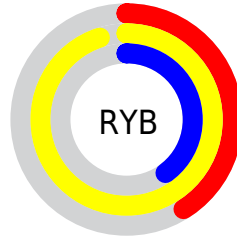
The CIELCh color **93, 67.294, 104.455** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **51, 79.635, 298.898**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 48.317, 106.483**, and **73, 67.279, 104.417** is the 20% darker color. If you saturate the color by 10%, you get **93, 76.707, 103.705**, and if you desaturate by 10%, it is **93, 56.675, 105.315**.

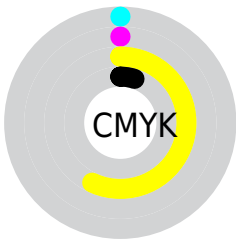
Distribution



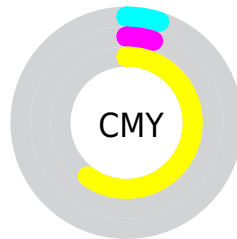
- Red (95%)
- Green (95%)
- Blue (40%)



- Red (41%)
- Yellow (95%)
- Blue (40%)



- Cyan (0%)
- Magenta (0%)
- Yellow (57%)
- Black (5%)





- Cyan (5%)
- Magenta (5%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 93, 67.294, 104.455 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, 67.294, 104.455 by changing the saturation by 10% instead.


 93, 67.294,
104.455


 93, 67.294,
104.455


 100, 67.294,
104.455


 83, 67.294,
104.455

 73, 67.294,
104.455

 63, 67.294,
104.455

 53, 67.294,
104.455

 43, 67.294,
104.455

 33, 67.294,
104.455

 23, 67.294,

104.455

■ 13, 67.294,
104.455

■ 3, 67.294, 104.455

■ 93, 67.294,
104.455

■ 93, 67.294,
104.455

■ 93, 76.707,
103.705

■ 93, 56.675,
105.315

■ 93, 84.336,
103.099

■ 94, 45.290,
106.241

■ 92, 89.604,
102.672

■ 94, 33.443,
107.207

■ 92, 92.255,
102.436

■ 95, 21.330,
108.189

92, 92.711,
102.392

95, 9.077, 109.166

96, 3.236, 290.166

96, 6.423, 290.001

96, 6.332, 289.438

96, 6.242, 288.859

Harmonies

Complementary

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



93, 67.294, 104.455



51, 79.635, 298.898

Rectangle

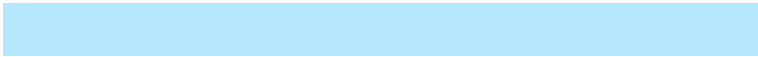
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93, 67.294, 104.455



93, 67.294, 154.455



93, 67.294, 284.455



93, 67.294, 334.455

Sweetspot

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



93, 67.295, 104.458



99, 21.747, 108.222



61, 59.580, 25.783



53, 14.536, 108.023



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, 67.295, 104.458



97, 81.330, 103.584



89, 73.126, 125.896



51, 7.045, 108.962



73, 76.088, 102.399



24, 32.987, 102.792

Inverse Universe

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



51, 79.635, 298.898



45, 101.412, 301.562



57, 80.097, 311.500



47, 7.202, 290.887



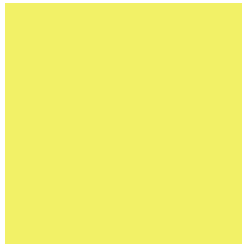
22, 105.300, 306.201



3, 39.704, 299.654

Previews

White Background



This preview shows how the CIELCh color 93, 67.294, 104.455 looks on a white background.

Color Contrast Check

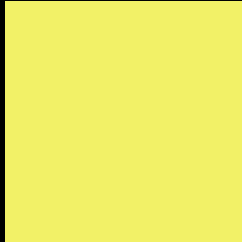
Large Text (above 18pt) WCAG AA × Fail

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, 67.294, 104.455 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, 67.294, 104.455

Background



This preview shows how black text looks on a background with the CIELCh color 93, 67.294, 104.455.

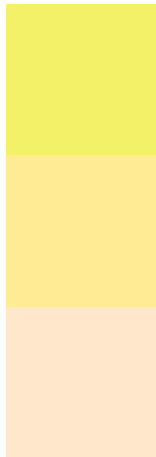


This preview shows how white text looks on a background with the CIELCh color 93, 67.294, 104.455.

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, 67.294, 104.455

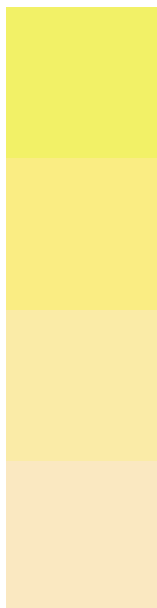
Protanopia
93, 45.345, 96.281

Deuteranopia
93, 17.058, 76.832



Tritanopia
93, 13.289, 339.105

Trichromacy



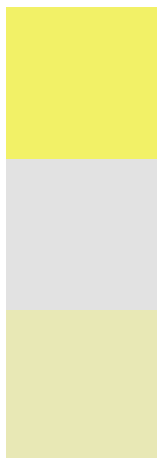
Original Color
93, 67.294, 104.455

Protanomaly
93, 53.405, 100.172

Deuteranomaly
93, 35.198, 97.675

Tritanomaly
93, 21.207, 89.594

Monochromacy



Original Color
93, 67.294, 104.455

Achromatopsia
90, 0.011, 296.813

Achromatomaly
91, 26.177, 108.042

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 67.294, 104.455 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, 241, 103)` looks like.

```
.text, #text, p{  
    color:rgb(242, 241, 103)  
}
```

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, 241, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 241, 103) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 67.294, 104.455 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, 241, 103) }
```

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

```
.border{ border-color:rgb(242, 241, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 241, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 241, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 241, 103);  
box-shadow:4px 4px 4px 4px rgb(242, 241,  
103) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 67.294, 104.455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 241, 103) }
```

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

```
.background{ background-color: rgb(242,  
241, 103) }
```

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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