

Converting Colors

CIELCh(93, 67.304, 103.416)

Have a look what the booklet for
CIELCh(93, 67.304, 103.416)
contains.

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Color

CIELCh(93, 67.320, 103.396)

Conversions

Conversions Part 1

Format	Color
Hex	F5F167
RGB	245, 241, 103
RGB Percent	96%, 95%, 40%
CMY	0.0409, 0.0565, 0.5976
CMYK	0.00, 0.02, 0.58, 0.04
HSL	58°, 87%, 68%
HSV	58°, 58%, 96%
XYZ	71.2621, 82.9670, 24.9844
YIQ	226.4640, 46.6820, -42.0700

Conversions

Conversions Part 2

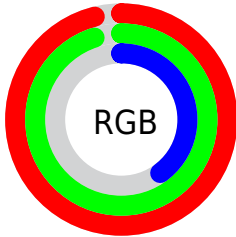
Format	Color
RYB	107, 245, 103
Decimal	16118119
CIELab	93.00, -15.60, 65.49
CIELCh	93, 67.320, 103.396
Yxy	82.9670, 0.3976, 0.4630
Android (android.graphics.Color)	4294308199 (0xFFFF5F167)
YUV	226.4640, -60.8678, 16.2561
Hunter-Lab	91.0862, -19.7500, 47.4975

Details

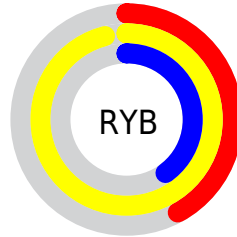
The CIELCh color **93, 67.320, 103.396** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **52, 79.451, 298.338**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 48.317, 106.483**, and **73, 67.276, 103.287** is the 20% darker color. If you saturate the color by 10%, you get **93, 76.613, 102.600**, and if you desaturate by 10%, it is **93, 56.816, 104.293**.

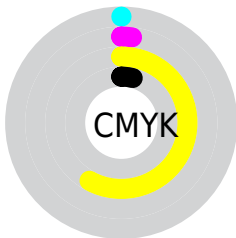
Distribution



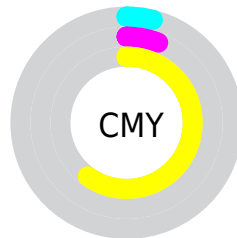
- Red (96%)
- Green (95%)
- Blue (40%)



- Red (42%)
- Yellow (96%)
- Blue (40%)



- Cyan (0%)
- Magenta (2%)
- Yellow (58%)
- Black (4%)





- Cyan (4%)
- Magenta (6%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 93, 67.320, 103.396 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, 67.320, 103.396 by changing the saturation by 10% instead.


 93, 67.320,
103.396


 93, 67.320,
103.396


 100, 67.320,
103.396


 83, 67.320,
103.396

 73, 67.320,
103.396

 63, 67.320,
103.396

 53, 67.320,
103.396

 43, 67.320,
103.396

 33, 67.320,
103.396

 23, 67.320,

103.396

■ 13, 67.320,
103.396

■ 3, 67.320, 103.396

■ 93, 67.320,
103.396

■ 93, 67.320,
103.396

■ 93, 76.613,
102.600

■ 93, 56.816,
104.293

■ 92, 84.098,
101.933

■ 94, 45.551,
105.249

■ 92, 89.174,
101.428

■ 94, 33.834,
106.240

■ 92, 91.612,
101.088

■ 95, 21.863,
107.244

92, 91.934,
101.032

- 96, 9.764, 108.240
- 97, 2.385, 289.271
- 97, 4.934, 287.284
- 97, 4.599, 284.061
- 97, 4.281, 280.351

Harmonies

Complementary

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



93, 67.320, 103.396



52, 79.451, 298.338

Rectangle

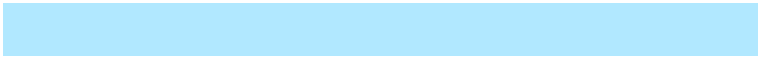
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93, 67.320, 103.396



93, 67.320, 153.396



93, 67.320, 283.396



93, 67.320, 333.396

Sweetspot

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



93, 67.321, 103.399



99, 21.311, 107.345



62, 60.419, 24.791



53, 14.246, 107.143



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, 67.321, 103.399



96, 80.885, 102.447



90, 74.099, 125.271



51, 6.901, 108.098



72, 74.933, 101.063



23, 32.422, 101.653

Inverse Universe

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



52, 79.451, 298.338



45, 100.803, 301.156



57, 81.597, 311.048



47, 7.049, 290.055



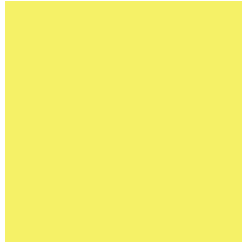
23, 104.358, 305.954



3, 39.126, 299.314

Previews

White Background



This preview shows how the CIELCh color 93, 67.320, 103.396 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, 67.320, 103.396 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, 67.320, 103.396

Background



This preview shows how black text looks on a background with the CIELCh color 93, 67.320, 103.396.

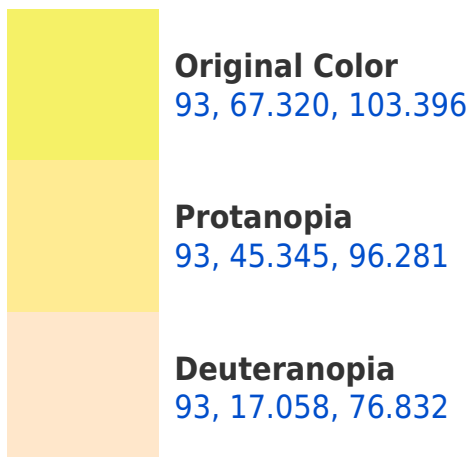


This preview shows how white text looks on a background with the CIELCh color 93, 67.320, 103.396.

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](#).

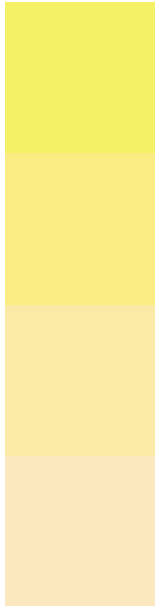
Dichromacy





Tritanopia
93, 12.649, 342.641

Trichromacy



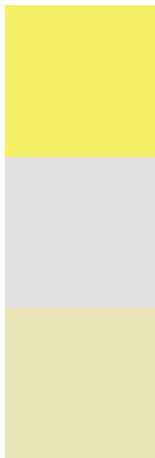
Original Color
93, 67.320, 103.396

Protanomaly
93, 53.453, 99.734

Deuteranomaly
93, 35.375, 96.389

Tritanomaly
93, 22.312, 89.379

Monochromacy



Original Color
93, 67.320, 103.396

Achromatopsia
90, 0.011, 296.813

Achromatomaly
91, 25.696, 106.358

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 67.320, 103.396 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(245, 241, 103)` looks like.

```
.text, #text, p{  
    color:rgb(245, 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(245, 241, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 241, 103) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 67.320, 103.396 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(245, 241, 103) }
```

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

```
.border{ border-color:rgb(245, 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(245, 241, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 241, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 241, 103);  
box-shadow:4px 4px 4px 4px rgb(245, 241,  
103) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 67.320, 103.396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 241, 103) }
```

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

```
.background{ background-color: rgb(245,  
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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