

Converting Colors

CIELCh(93, 66.693, 100.881)

Have a look what the booklet for
CIELCh(93, 66.693, 100.881)
contains.

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Color

CIELCh(93, 66.676, 100.902)

Conversions

Conversions Part 1

Format	Color
Hex	FAEF67
RGB	250, 239, 103
RGB Percent	98%, 94%, 40%
CMY	0.0200, 0.0631, 0.5964
CMYK	0.00, 0.04, 0.59, 0.02
HSL	56°, 94%, 69%
HSV	56°, 59%, 98%
XYZ	72.6768, 82.9670, 24.9940
YIQ	226.7850, 50.2120, -39.9640

Conversions

Conversions Part 2

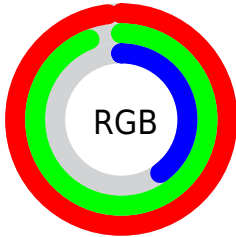
Format	Color
R _Y B	115, 250, 103
Decimal	16445287
CIE Lab	93.00, -12.61, 65.47
CIE LCh	93, 66.676, 100.902
Yxy	82.9670, 0.4023, 0.4593
Android (android.graphics.Color)	4294635367 (0xFFFAEF67)
YUV	226.7850, -61.0260, 20.3596
Hunter-Lab	91.0862, -16.9775, 47.4912

Details

The CIELCh color **93, 66.676, 100.902** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **54, 77.805, 296.802**, 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, 66.653, 100.622** is the 20% darker color. If you saturate the color by 10%, you get **92, 75.833, 99.983**, and if you desaturate by 10%, it is **94, 56.338, 101.894**.

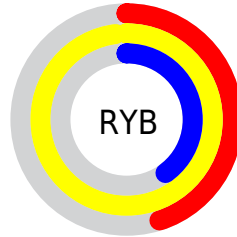
Distribution



Red (98%)

Green (94%)

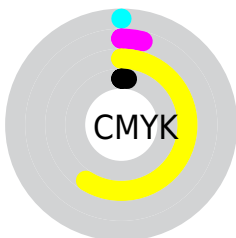
Blue (40%)



Red (45%)

Yellow (98%)

Blue (40%)

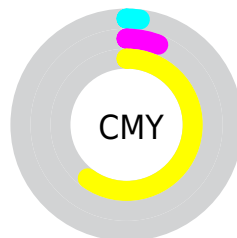


Cyan (0%)

Magenta (4%)

Yellow (59%)

Black (2%)



Cyan (2%)


Magenta (6%)


Yellow (60%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 93, 66.676, 100.902 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, 66.676, 100.902 by changing the saturation by 10% instead.


 93, 66.676,
100.902


 93, 66.676,
100.902


 100, 66.676,
100.902


 83, 66.676,
100.902

 73, 66.676,
100.902

 63, 66.676,
100.902

 53, 66.676,
100.902

 43, 66.676,
100.902

 33, 66.676,
100.902

 23, 66.676,

100.902

■ 13, 66.676,
100.902

■ 3, 66.676, 100.902

■ 93, 66.676,
100.902

■ 93, 66.676,
100.902

■ 92, 75.833, 99.983

■ 94, 56.338,
101.894

■ 92, 83.174, 99.156

■ 95, 45.284,
102.927

■ 91, 88.035, 98.438

■ 91, 90.190, 97.818

■ 95, 33.823,
103.981

■ 91, 90.366, 97.748

■ 96, 22.150,
105.038

97, 10.382,
106.080

98, 1.406, 287.196

99, 1.691, 264.928

99, 1.485, 222.646

100, 1.767,
199.668

Harmonies

Complementary

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



93, 66.676, 100.902



54, 77.805, 296.802

Rectangle

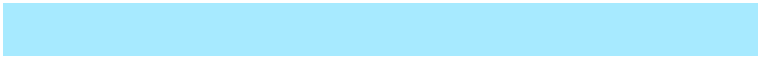
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93, 66.676, 100.902



93, 66.676, 150.902



93, 66.676, 280.902



93, 66.676, 330.902

Sweetspot

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



93, 66.677, 100.905



98, 21.540, 105.122



63, 61.320, 21.405



52, 14.960, 104.815



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, 66.677, 100.905



94, 78.871, 99.788



92, 75.274, 123.369



52, 6.694, 106.010



70, 73.234, 97.841



23, 32.361, 98.774

Inverse Universe

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



54, 77.805, 296.802



46, 97.316, 299.849



57, 84.061, 309.663



48, 6.823, 288.047



24, 103.285, 305.385



4, 39.817, 299.559

Previews

White Background



This preview shows how the CIELCh color 93, 66.676, 100.902 looks on a white background.

Color Contrast Check

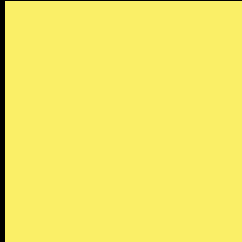
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 93, 66.676, 100.902 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

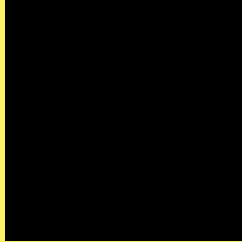
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 66.676, 100.902

Background



This preview shows how black text looks on a background with the CIELCh color 93, 66.676, 100.902.

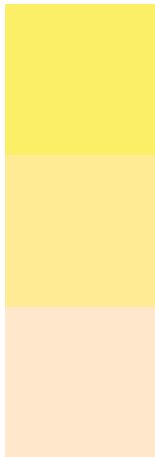


This preview shows how white text looks on a background with the CIELCh color 93, 66.676, 100.902.

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, 66.676, 100.902

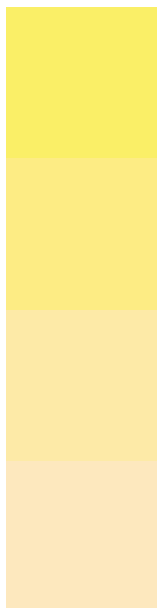
Protanopia
93, 44.863, 96.220

Deuteranopia
93, 17.058, 76.832



Tritanopia
93, 11.481, 347.659

Trichromacy



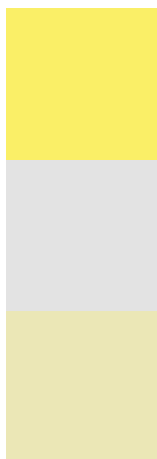
Original Color
93, 66.676, 100.902

Protanomaly
93, 52.713, 98.359

Deuteranomaly
93, 35.054, 95.008

Tritanomaly
93, 23.067, 87.909

Monochromacy



Original Color
93, 66.676, 100.902

Achromatopsia
90, 0.011, 296.813

Achromatomaly
91, 25.220, 104.617

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 66.676, 100.902 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(250, 239, 103)` looks like.

```
.text, #text, p{  
    color:rgb(250, 239, 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(250, 239, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 239, 103) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 66.676, 100.902 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(250, 239, 103) }
```

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

```
.border{ border-color:rgb(250, 239, 103) }
```

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

Here you see how a box with a 4 pixel rgb(250, 239, 103) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 239, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 239, 103);  
box-shadow:4px 4px 4px 4px rgb(250, 239,  
103) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 66.676, 100.902 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 239, 103) }
```

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

```
.background{ background-color: rgb(250,  
239, 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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