

Converting Colors

CIELCh(92, 62.995, 97.095)

Have a look what the booklet for
CIELCh(92, 62.995, 97.095) contains.

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Color

CIELCh(92, 63.018, 97.070)

Conversions

Conversions Part 1

Format	Color
Hex	FEE96B
RGB	254, 233, 107
RGB Percent	100%, 91%, 42%
CMY	0.0024, 0.0848, 0.5790
CMYK	0.00, 0.08, 0.58, 0.00
HSL	51°, 99%, 71%
HSV	51°, 58%, 100%
XYZ	72.9364, 80.7044, 25.7420
YIQ	224.9150, 52.9620, -34.7340

Conversions

Conversions Part 2

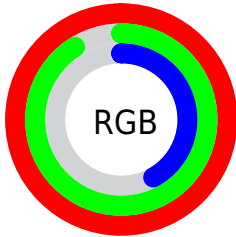
Format	Color
R _Y B	132, 254, 107
Decimal	16705899
CIE Lab	92.00, -7.76, 62.54
CIE LCh	92, 63.018, 97.070
Yxy	80.7044, 0.4066, 0.4499
Android (android.graphics.Color)	4294895979 (0xFFEE96B)
YUV	224.9150, -58.1321, 25.5075
Hunter-Lab	89.8356, -12.2905, 45.8956

Details

The CIELCh color **92, 63.018, 97.070** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **58, 71.288, 293.682**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 46.400, 106.631**, and **72, 63.082, 97.419** is the 20% darker color. If you saturate the color by 10%, you get **91, 72.244, 95.951**, and if you desaturate by 10%, it is **93, 52.807, 98.216**.

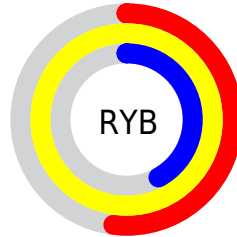
Distribution



Red (100%)

Green (91%)

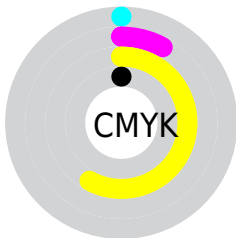
Blue (42%)



Red (52%)

Yellow (100%)

Blue (42%)

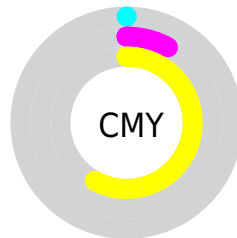


Cyan (0%)

Magenta (8%)

Yellow (58%)

Black (0%)



Cyan (0%)

Magenta (8%)

Yellow (58%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 63.018, 97.070 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 92, 63.018, 97.070 by changing the saturation by 10% instead.

 92, 63.018, 97.070

 92, 63.018, 97.070

 100, 63.018,
97.070

 82, 63.018, 97.070

 72, 63.018, 97.070

 62, 63.018, 97.070

 52, 63.018, 97.070

 42, 63.018, 97.070

 32, 63.018, 97.070

 22, 63.018, 97.070

 12, 63.018, 97.070

 2, 63.018, 97.070

■ 92, 63.018, 97.070

■ 92, 63.018, 97.070

■ 91, 72.244, 95.951

■ 93, 52.807, 98.216

■ 90, 79.843, 94.854

■ 94, 42.045, 99.370

■ 89, 85.052, 93.772

■ 96, 31.005,
100.521

■ 88, 87.385, 92.671

■ 97, 19.851,
101.656

■ 88, 87.688, 92.426

■ 99, 8.678, 102.761

100, 0.209,
202.570

Harmonies

Complementary

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



92, 63.018, 97.070



58, 71.288, 293.682

Rectangle

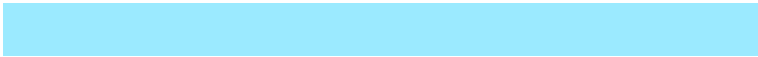
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92, 63.018, 97.070



92, 63.018, 147.070



92, 63.018, 277.070



92, 63.018, 327.070

Sweetspot

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



92, 63.019, 97.073



97, 18.996, 101.746



64, 60.132, 16.125



52, 12.708, 101.520



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



92, 63.019, 97.073



91, 73.396, 95.817



94, 73.994, 120.744



53, 6.343, 102.576



68, 70.854, 92.625



23, 31.780, 94.139

Inverse Universe

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



58, 71.288, 293.682



50, 86.980, 296.674



57, 83.740, 307.738



49, 6.441, 284.739



25, 99.729, 304.104



5, 39.578, 299.048

Previews

White Background



This preview shows how the CIELCh color 92, 63.018, 97.070 looks on a white background.

Color Contrast Check

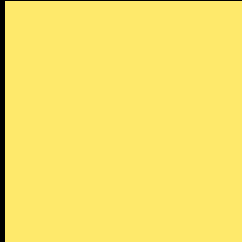
Large Text (above 18pt) WCAG AA × Fail

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 92, 63.018, 97.070 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 92, 63.018, 97.070

Background



This preview shows how black text looks on a background with the CIELCh color 92, 63.018, 97.070.

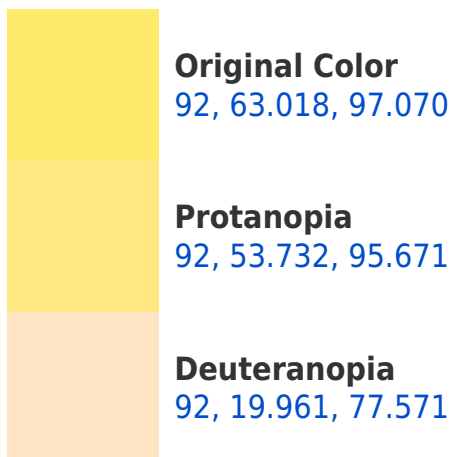


This preview shows how white text looks on a background with the CIELCh color 92, 63.018, 97.070.

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](#).

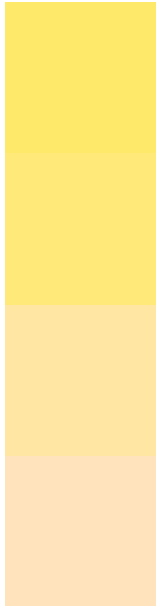
Dichromacy





Tritanopia
92, 12.530, 353.397

Trichromacy



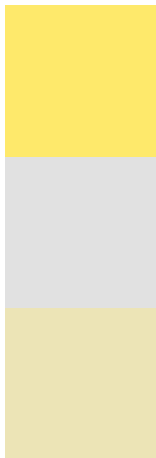
Original Color
92, 63.018, 97.070

Protanomaly
92, 57.301, 96.398

Deuteranomaly
92, 35.795, 91.180

Tritanomaly
92, 22.452, 79.751

Monochromacy



Original Color
92, 63.018, 97.070

Achromatopsia
90, 0.011, 296.813

Achromatomaly
90, 23.897, 100.802

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 63.018, 97.070 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(254, 233, 107)` looks like.

```
.text, #text, p{  
    color:rgb(254, 233, 107)  
}
```

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(254, 233, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 233, 107) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 63.018, 97.070 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(254, 233, 107) }
```

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

```
.border{ border-color:rgb(254, 233, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 233, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 233, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 233, 107);  
box-shadow:4px 4px 4px 4px rgb(254, 233,  
107) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 63.018, 97.070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 233, 107) }
```

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

```
.background{ background-color: rgb(254,  
233, 107) }
```

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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