

Converting Colors

CIELCh(94, 59.844, 88.696)

Have a look what the booklet for
CIELCh(94, 59.844, 88.696) contains.

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Color

CIELCh(92, 57.654, 96.857)

Conversions

Conversions Part 1

Format	Color
Hex	FEE977
RGB	254, 233, 119
RGB Percent	100%, 91%, 47%
CMY	0.0040, 0.0861, 0.5330
CMYK	0.00, 0.08, 0.53, 0.00
HSL	51°, 99%, 73%
HSV	51°, 53%, 100%
XYZ	73.3545, 80.7044, 29.1937
YIQ	226.2830, 49.1100, -31.0020

Conversions

Conversions Part 2

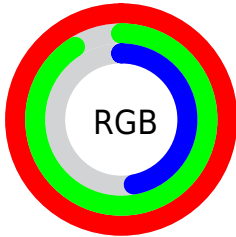
Format	Color
RYB	144, 254, 119
Decimal	16705911
CIELab	92.00, -6.88, 57.24
CIELCh	92, 57.654, 96.857
Yxy	80.7044, 0.4003, 0.4404
Android (android.graphics.Color)	4294895991 (0xFFFE977)
YUV	226.2830, -52.8905, 24.3078
Hunter-Lab	89.8356, -11.4598, 43.6176

Details

The CIELCh color **92, 57.654, 96.857** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **62, 63.850, 291.938**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 40.585, 107.080**, and **72, 57.709, 96.949** is the 20% darker color. If you saturate the color by 10%, you get **91, 67.355, 95.697**, and if you desaturate by 10%, it is **93, 47.227, 98.033**.

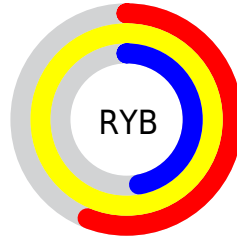
Distribution



Red (100%)

Green (91%)

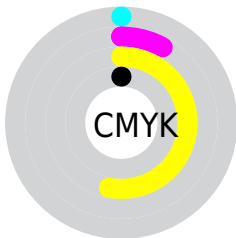
Blue (47%)



Red (56%)

Yellow (100%)

Blue (47%)

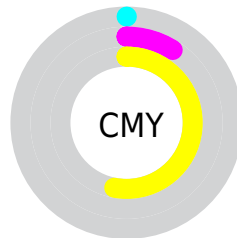


Cyan (0%)

Magenta (8%)

Yellow (53%)

Black (0%)



Cyan (0%)

Magenta (9%)

Yellow (53%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 57.654, 96.857 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, 57.654, 96.857 by changing the saturation by 10% instead.

 92, 57.654, 96.857

 92, 57.654, 96.857

 100, 57.654,
96.857

 82, 57.654, 96.857

 72, 57.654, 96.857

 62, 57.654, 96.857

 52, 57.654, 96.857

 42, 57.654, 96.857

 32, 57.654, 96.857

 22, 57.654, 96.857

 12, 57.654, 96.857

 2, 57.654, 96.857

■ 92, 57.654, 96.857

■ 92, 57.654, 96.857

■ 91, 67.355, 95.697

■ 93, 47.227, 98.033

■ 90, 75.786, 94.548

■ 95, 36.418, 99.206

■ 88, 82.217, 93.406

■ 96, 25.438,
100.367

■ 87, 85.918, 92.241

■ 98, 14.408,
101.504

■ 87, 86.976, 91.406

■ 99, 3.400, 102.581

100, 0.352,
201.265

Harmonies

Complementary

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



92, 57.654, 96.857



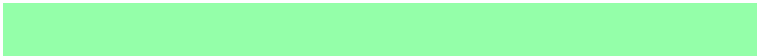
62, 63.850, 291.938

Rectangle

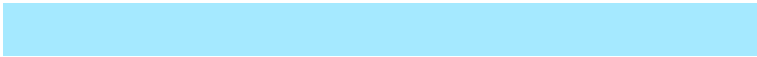
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92, 57.654, 96.857



92, 57.654, 146.857



92, 57.654, 276.857



92, 57.654, 326.857

Sweetspot

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



92, 57.655, 96.860



97, 17.654, 101.178



67, 54.907, 13.614



52, 11.923, 100.945



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, 57.655, 96.860



91, 68.386, 95.592



94, 68.288, 120.222



52, 6.262, 101.905



67, 70.368, 91.626



23, 31.486, 93.261

Inverse Universe

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



62, 63.850, 291.938



54, 78.763, 294.758



60, 76.584, 306.886



49, 6.355, 284.091



26, 98.693, 303.801



5, 39.187, 298.772

Previews

White Background



This preview shows how the CIELCh color 92, 57.654, 96.857 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, 57.654, 96.857 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, 57.654, 96.857

Background



This preview shows how black text looks on a background with the CIELCh color 92, 57.654, 96.857.

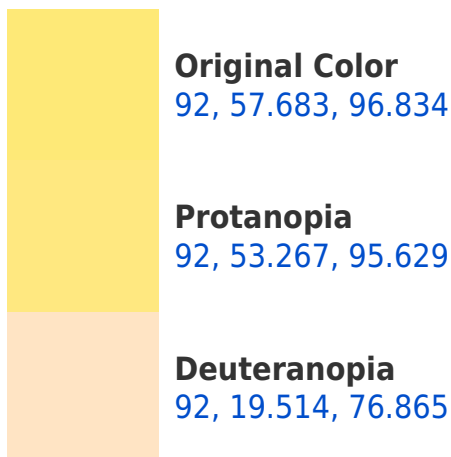


This preview shows how white text looks on a background with the CIELCh color 92, 57.654, 96.857.

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](#).

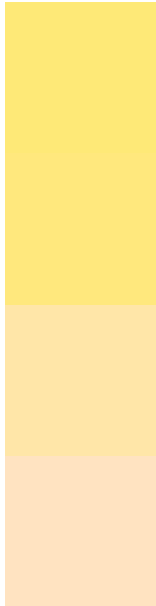
Dichromacy





Tritanopia
92, 12.530, 353.397

Trichromacy



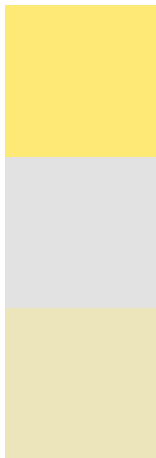
Original Color
92, 57.683, 96.834

Protanomaly
92, 54.658, 95.752

Deuteranomaly
92, 33.362, 90.278

Tritanomaly
92, 20.636, 77.307

Monochromacy



Original Color
92, 57.683, 96.834

Achromatopsia
90, 0.011, 296.813

Achromatomaly
91, 21.797, 101.337

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 57.654, 96.857 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, 119)` looks like.

```
.text, #text, p{  
    color:rgb(254, 233, 119)  
}
```

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, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 233, 119) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 57.654, 96.857 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, 119) }
```

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

```
.border{ border-color:rgb(254, 233, 119) }
```

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, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 233, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 233, 119);  
box-shadow:4px 4px 4px 4px rgb(254, 233,  
119) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 57.654, 96.857 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, 119) }
```

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

```
.background{ background-color: rgb(254,  
233, 119) }
```

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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