

Converting Colors

CIELCh(92, 80.048, 97.957)

Have a look what the booklet for
CIELCh(92, 80.048, 97.957) contains.

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Color

CIELCh(92, 80.059, 97.942)

Conversions

Conversions Part 1

Format	Color
Hex	FEEB40
RGB	254, 235, 64
RGB Percent	100%, 92%, 25%
CMY	0.0048, 0.0792, 0.7499
CMYK	0.00, 0.07, 0.75, 0.00
HSL	54°, 99%, 62%
HSV	54°, 75%, 100%
XYZ	71.3678, 80.7044, 16.6340
YIQ	221.1870, 66.2150, -49.1530

Conversions

Conversions Part 2

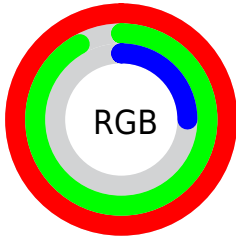
Format	Color
RYB	85, 254, 64
Decimal	16706368
CIELab	92.00, -11.06, 79.29
CIELCh	92, 80.059, 97.942
Yxy	80.7044, 0.4230, 0.4784
Android (android.graphics.Color)	4294896448 (0xFFFEEB40)
YUV	221.1870, -77.4932, 28.7770
Hunter-Lab	89.8356, -15.4072, 51.9068

Details

The CIELCh color **92, 80.059, 97.942** is a light color, and the websafe version is hex **FFFF66**. The color can be described as light washed yellow. A complement of this color would be **45, 99.757, 299.944**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 63.989, 105.281**, and **72, 74.847, 98.362** is the 20% darker color. If you saturate the color by 10%, you get **91, 86.014, 97.066**, and if you desaturate by 10%, it is **93, 71.872, 98.898**.

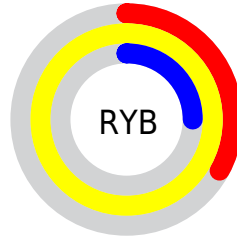
Distribution



Red (100%)

Green (92%)

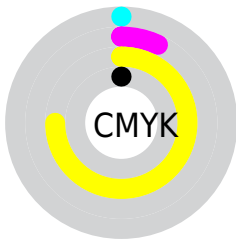
Blue (25%)



Red (33%)

Yellow (100%)

Blue (25%)

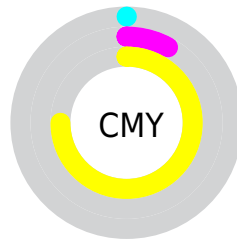


Cyan (0%)

Magenta (7%)

Yellow (75%)

Black (0%)



Cyan (0%)

Magenta (8%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 80.059, 97.942 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, 80.059, 97.942 by changing the saturation by 10% instead.

 92, 80.059, 97.942

 92, 80.059, 97.942

 100, 80.059,
97.942

 82, 80.059, 97.942

 72, 80.059, 97.942

 62, 80.059, 97.942

 52, 80.059, 97.942

 42, 80.059, 97.942

 32, 80.059, 97.942

 22, 80.059, 97.942

 12, 80.059, 97.942

 2, 80.059, 97.942

92, 80.059, 97.942

92, 80.059, 97.942

91, 86.014, 97.066

93, 71.872, 98.898

91, 89.162, 96.257

94, 62.167, 99.915

90, 89.890, 95.858

95, 51.526,
100.976

96, 40.346,
102.060

97, 28.881,
103.151

98, 17.283,
104.232

99, 5.647, 105.281

100, 0.421,
200.953

Harmonies

Complementary

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



92, 80.059, 97.942



45, 99.757, 299.944

Rectangle

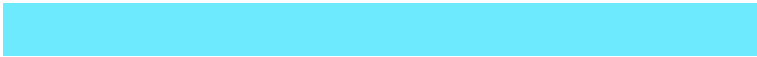
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92, 80.059, 97.942



92, 80.059, 147.942



92, 80.059, 277.942



92, 80.059, 327.942

Sweetspot

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



92, 80.059, 97.944



97, 25.665, 103.462



57, 78.876, 25.701



52, 17.236, 103.167



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, 80.059, 97.944



91, 88.324, 96.642



92, 91.894, 122.649



53, 6.633, 104.801



70, 72.744, 95.987



24, 32.852, 97.066

Inverse Universe

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



45, 99.757, 299.944



37, 119.875, 303.572



47, 106.922, 310.041



49, 6.752, 286.886



24, 102.890, 304.997



5, 40.952, 299.960

Previews

White Background



This preview shows how the CIELCh color 92, 80.059, 97.942 looks on a white background.

Color Contrast Check

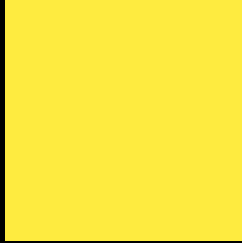
Large Text (above 18pt) WCAG AA × Fail

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, 80.059, 97.942 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, 80.059, 97.942

Background



This preview shows how black text looks on a background with the CIELCh color 92, 80.059, 97.942.

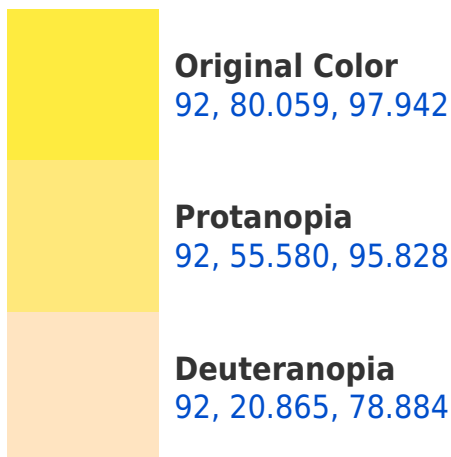


This preview shows how white text looks on a background with the CIELCh color 92, 80.059, 97.942.

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](#).

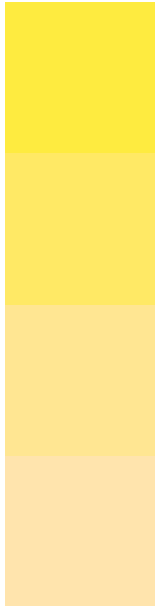
Dichromacy





Tritanopia
92, 12.530, 353.397

Trichromacy



Original Color
92, 80.059, 97.942

Protanomaly
92, 65.658, 96.784

Deuteranomaly
92, 44.032, 93.318

Tritanomaly
92, 30.297, 87.258

Monochromacy



Original Color
92, 80.059, 97.942

Achromatopsia
88, 0.010, 296.813

Achromatomaly
89, 32.002, 102.567

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 80.059, 97.942 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, 235, 64)` looks like.

```
.text, #text, p{  
    color:rgb(254, 235, 64)  
}
```

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, 235, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 235, 64) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 80.059, 97.942 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, 235, 64) }
```

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

```
.border{ border-color:rgb(254, 235, 64) }
```

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

Here you see how a box with a 4 pixel rgb(254, 235, 64) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 235, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 235, 64);  
box-shadow:4px 4px 4px 4px rgb(254, 235,  
64) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 80.059, 97.942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 235, 64) }
```

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

```
.background{ background-color: rgb(254,  
235, 64) }
```

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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