

Converting Colors

CIELCh(92, 84.242, 98.020)

Have a look what the booklet for
CIELCh(92, 84.242, 98.020) contains.

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Color

CIELCh(92, 84.326, 97.882)

Conversions

Conversions Part 1

Format	Color
Hex	FEEB31
RGB	254, 235, 49
RGB Percent	100%, 92%, 19%
CMY	0.0039, 0.0784, 0.8078
CMYK	0.00, 0.07, 0.81, 0.00
HSL	54°, 99%, 59%
HSV	54°, 81%, 100%
XYZ	71.1315, 80.7044, 14.7332
YIQ	219.4770, 71.0300, -53.8180

Conversions

Conversions Part 2

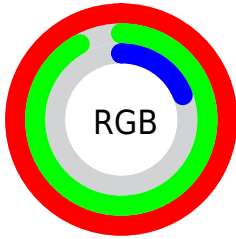
Format	Color
RYB	70, 254, 49
Decimal	16706353
CIELab	92.00, -11.56, 83.53
CIELCh	92, 84.326, 97.882
Yxy	80.7044, 0.4270, 0.4845
Android (android.graphics.Color)	4294896433 (0xFFFEEB31)
YUV	219.4770, -84.0452, 30.2767
Hunter-Lab	89.8356, -15.8768, 53.1613

Details

The CIELCh color **92, 84.326, 97.882** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light washed yellow. A complement of this color would be **41, 108.784, 301.668**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 68.734, 104.921**, and **72, 74.847, 98.362** is the 20% darker color. If you saturate the color by 10%, you get **91, 88.686, 97.089**, and if you desaturate by 10%, it is **93, 77.347, 98.765**.

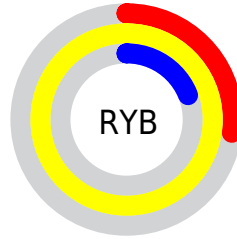
Distribution



Red (100%)

Green (92%)

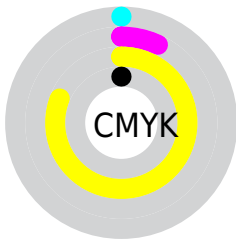
Blue (19%)



Red (27%)

Yellow (100%)

Blue (19%)

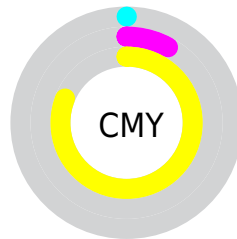


Cyan (0%)

Magenta (7%)

Yellow (81%)

Black (0%)



Cyan (0%)

Magenta (8%)

Yellow (81%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 84.326, 97.882 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, 84.326, 97.882 by changing the saturation by 10% instead.

 92, 84.326, 97.882

 92, 84.326, 97.882

 100, 84.326,
97.882

 82, 84.326, 97.882

 72, 84.326, 97.882

 62, 84.326, 97.882

 52, 84.326, 97.882

 42, 84.326, 97.882

 32, 84.326, 97.882

 22, 84.326, 97.882

 12, 84.326, 97.882

 2, 84.326, 97.882

92, 84.326, 97.882

92, 84.326, 97.882

91, 88.686, 97.089

93, 77.347, 98.765

91, 90.375, 96.408

94, 68.423, 99.725

94, 58.227,
100.746

95, 47.266,
101.805

96, 35.873,
102.884

97, 24.258,
103.964

98, 12.547,
105.029

100, 0.819,
105.935

100, 0.350,
201.279

Harmonies

Complementary

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



92, 84.326, 97.882



41, 108.784, 301.668

Rectangle

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



92, 84.326, 97.882



92, 84.326, 147.882



92, 84.326, 277.882



92, 84.326, 327.882

Sweetspot

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



92, 84.326, 97.884



97, 28.187, 103.609



56, 84.603, 28.174



52, 19.345, 103.223



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, 84.326, 97.884



91, 90.225, 96.624



92, 96.504, 122.851



53, 6.682, 105.155



70, 73.087, 96.527



24, 33.037, 97.533

Inverse Universe

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



41, 108.784, 301.668



34, 127.257, 304.979



44, 113.658, 310.188



49, 6.805, 287.226



24, 103.344, 305.121



4, 41.182, 300.104

Previews

White Background



This preview shows how the CIELCh color 92, 84.326, 97.882 looks on a white background.

Color Contrast Check

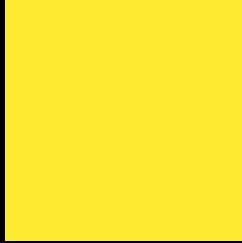
Large Text (above 18pt) WCAG AA × Fail

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, 84.326, 97.882 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, 84.326, 97.882

Background



This preview shows how black text looks on a background with the CIELCh color 92, 84.326, 97.882.



This preview shows how white text looks on a background with the CIELCh color 92, 84.326, 97.882.

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

92, 84.326, 97.882

Protanopia

92, 56.039, 95.864

Deuteranopia

92, 20.865, 78.884



Tritanopia
92, 12.318, 355.552

Trichromacy



Original Color
92, 84.326, 97.882



Protanomaly
92, 68.155, 96.853



Deuteranomaly
92, 46.778, 94.342

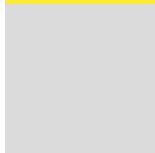


Tritanomaly
91, 33.195, 88.729

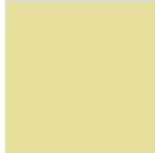
Monochromacy



Original Color
92, 84.326, 97.882



Achromatopsia
87, 0.010, 296.813



Achromatomaly
89, 35.045, 102.691

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 84.326, 97.882 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, 49)` looks like.

```
.text, #text, p{  
    color:rgb(254, 235, 49)  
}
```

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, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 235, 49) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 84.326, 97.882 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, 49) }
```

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

```
.border{ border-color:rgb(254, 235, 49) }
```

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, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 235, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 235, 49);  
box-shadow:4px 4px 4px 4px rgb(254, 235,  
49) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 84.326, 97.882 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, 49) }
```

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

```
.background{ background-color: rgb(254,  
235, 49) }
```

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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