

Converting Colors

CIELCh(92, 81.733, 97.718)

Have a look what the booklet for
CIELCh(92, 81.733, 97.718) contains.

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Color

CIELCh(92, 81.875, 97.919)

Conversions

Conversions Part 1

Format	Color
Hex	FEEB3A
RGB	254, 235, 58
RGB Percent	100%, 92%, 23%
CMY	0.0044, 0.0788, 0.7730
CMYK	0.00, 0.07, 0.77, 0.00
HSL	54°, 99%, 61%
HSV	54°, 77%, 100%
XYZ	71.2650, 80.7044, 15.8065
YIQ	220.5030, 68.1410, -51.0190

Conversions

Conversions Part 2

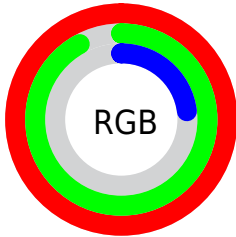
Format	Color
RYB	79, 254, 58
Decimal	16706362
CIELab	92.00, -11.28, 81.09
CIElCh	92, 81.875, 97.919
Yxy	80.7044, 0.4248, 0.4810
Android (android.graphics.Color)	4294896442 (0xFFFEEB3A)
YUV	220.5030, -80.1140, 29.3769
Hunter-Lab	89.8356, -15.6116, 52.4529

Details

The CIELCh color **92, 81.875, 97.919** 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 **43, 103.437, 300.653**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 66.170, 105.115**, and **72, 74.847, 98.362** is the 20% darker color. If you saturate the color by 10%, you get **91, 87.212, 97.076**, and if you desaturate by 10%, it is **93, 74.139, 98.847**.

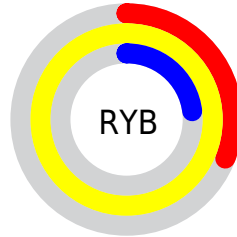
Distribution



Red (100%)

Green (92%)

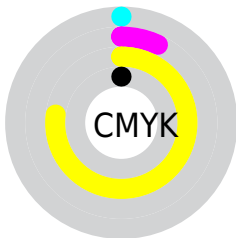
Blue (23%)



Red (31%)

Yellow (100%)

Blue (23%)

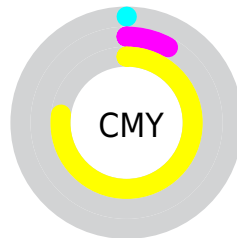


Cyan (0%)

Magenta (7%)

Yellow (77%)

Black (0%)



Cyan (0%)

Magenta (8%)

Yellow (77%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 81.875, 97.919 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, 81.875, 97.919 by changing the saturation by 10% instead.

 92, 81.875, 97.919

 92, 81.875, 97.919

 100, 81.875,
97.919

 82, 81.875, 97.919

 72, 81.875, 97.919

 62, 81.875, 97.919

 52, 81.875, 97.919

 42, 81.875, 97.919

 32, 81.875, 97.919

 22, 81.875, 97.919

 12, 81.875, 97.919

 2, 81.875, 97.919

92, 81.875, 97.919

92, 81.875, 97.919

91, 87.212, 97.076

93, 74.139, 98.847

91, 89.701, 96.300

94, 64.718, 99.842

90, 90.093, 96.089

94, 54.233,
100.888

95, 43.126,
101.964

96, 31.680,
103.050

98, 20.068,
104.132

99, 8.397, 105.190

100, 0.331,
244.096

100, 0.390,

Harmonies

Complementary

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



92, 81.875, 97.919



43, 103.437, 300.653

Rectangle

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



92, 81.875, 97.919



92, 81.875, 147.919



92, 81.875, 277.919



92, 81.875, 327.919

Sweetspot

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



92, 81.875, 97.921



97, 26.907, 103.506



57, 81.213, 26.664



52, 18.608, 103.114



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, 81.875, 97.921



91, 89.300, 96.618



92, 93.838, 122.712



53, 6.654, 104.950



70, 72.886, 96.213



24, 32.929, 97.262

Inverse Universe

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



43, 103.437, 300.653



36, 123.326, 304.230



46, 109.733, 310.114



49, 6.774, 287.029



24, 103.083, 305.049



5, 41.048, 300.021

Previews

White Background



This preview shows how the CIELCh color 92, 81.875, 97.919 looks on a white background.

Color Contrast Check

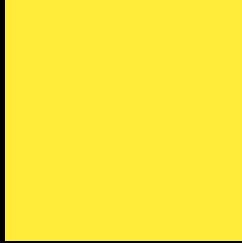
Large Text (above 18pt) WCAG AA × Fail

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, 81.875, 97.919 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, 81.875, 97.919

Background



This preview shows how black text looks on a background with the CIELCh color 92, 81.875, 97.919.

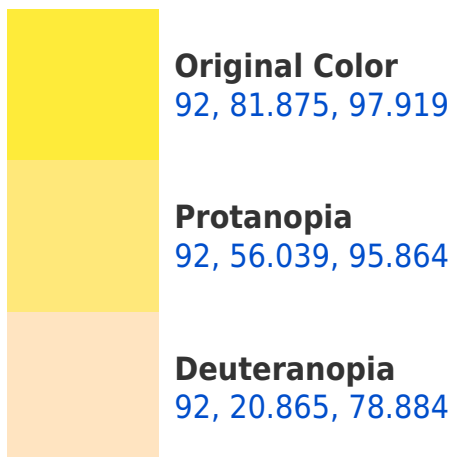



This preview shows how white text looks on a background with the CIELCh color 92, 81.875, 97.919.

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, 81.875, 97.919



Protanomaly
92, 66.499, 96.809



Deuteranomaly
92, 45.342, 94.111

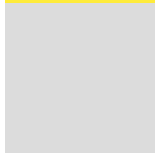


Tritanomaly
92, 31.262, 87.785

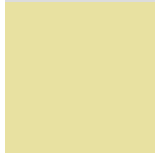
Monochromacy



Original Color
92, 81.875, 97.919



Achromatopsia
88, 0.010, 296.813



Achromatomaly
89, 33.035, 102.607

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 81.875, 97.919 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, 58)` looks like.

```
.text, #text, p{  
    color:rgb(254, 235, 58)  
}
```

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, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 235, 58) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 81.875, 97.919 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, 58) }
```

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

```
.border{ border-color:rgb(254, 235, 58) }
```

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, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 235, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 235, 58);  
box-shadow:4px 4px 4px 4px rgb(254, 235,  
58) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 81.875, 97.919 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, 58) }
```

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

```
.background{ background-color: rgb(254,  
235, 58) }
```

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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