

Converting Colors

CIELCh(92, 70.831, 100.233)

Have a look what the booklet for
CIELCh(92, 70.831, 100.233)
contains.

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Color

CIELCh(92, 70.837, 100.380)

Conversions

Conversions Part 1

Format	Color
Hex	F8EC5A
RGB	248, 236, 90
RGB Percent	97%, 93%, 35%
CMY	0.0274, 0.0744, 0.6469
CMYK	0.00, 0.05, 0.64, 0.03
HSL	55°, 92%, 66%
HSV	55°, 64%, 97%
XYZ	70.5693, 80.7044, 21.5365
YIQ	222.9440, 54.0180, -42.8620

Conversions

Conversions Part 2

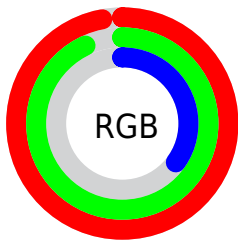
Format	Color
RYB	103, 248, 90
Decimal	16313434
CIELab	92.00, -12.76, 69.68
CIElCh	92, 70.837, 100.380
Yxy	80.7044, 0.4084, 0.4670
Android (android.graphics.Color)	4294503514 (0xFFF8EC5A)
YUV	222.9440, -65.5414, 21.9741
Hunter-Lab	89.8356, -16.9939, 48.6712

Details

The CIELCh color **92, 70.837, 100.380** is a light color, and the websafe version is hex **FFFF66**. The color can be described as light muted yellow. A complement of this color would be **50, 84.365, 297.948**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 53.989, 106.046**, and **72, 70.770, 100.311** is the 20% darker color. If you saturate the color by 10%, you get **91, 79.145, 99.501**, and if you desaturate by 10%, it is **93, 61.069, 101.345**.

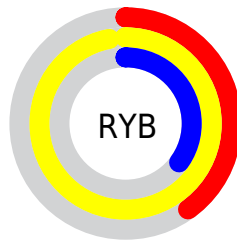
Distribution



Red (97%)

Green (93%)

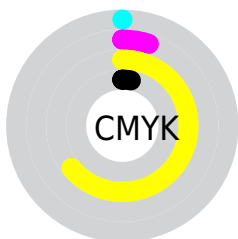
Blue (35%)



Red (40%)

Yellow (97%)

Blue (35%)

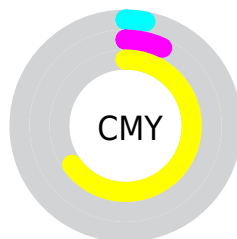


Cyan (0%)

Magenta (5%)

Yellow (64%)

Black (3%)



Cyan (3%)


Magenta (7%)


Yellow (65%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 92, 70.837, 100.380 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, 70.837, 100.380 by changing the saturation by 10% instead.


 92, 70.837,
100.380


 92, 70.837,
100.380


 100, 70.837,
100.380


 82, 70.837,
100.380

 72, 70.837,
100.380

 62, 70.837,
100.380

 52, 70.837,
100.380

 42, 70.837,
100.380

 32, 70.837,
100.380

 22, 70.837,

100.380

■ 12, 70.837,
100.380

■ 2, 70.837, 100.380

■ 92, 70.837,
100.380

■ 92, 70.837,
100.380

■ 91, 79.145, 99.501

■ 93, 61.069,
101.345

■ 91, 85.318, 98.720

■ 93, 50.389,
102.361

■ 90, 88.793, 98.048

■ 90, 89.780, 97.665

■ 94, 39.175,
103.409

■ 95, 27.668,
104.468

■ 96, 16.020,
105.520

■ 97, 4.320, 106.539

■ 98, 2.984, 282.508

■ 99, 2.250, 262.148

■ 99, 1.992, 230.817

Harmonies

Complementary

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



92, 70.837, 100.380



50, 84.365, 297.948

Rectangle

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



92, 70.837, 100.380



92, 70.837, 150.380



92, 70.837, 280.380



92, 70.837, 330.380

Sweetspot

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



92, 70.838, 100.383



98, 22.708, 104.961



60, 66.314, 22.861



52, 15.619, 104.659



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, 70.838, 100.383



93, 82.571, 99.303



91, 80.077, 123.272



52, 6.686, 105.956



70, 73.177, 97.757



23, 32.331, 98.702

Inverse Universe

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



50, 84.365, 297.948



43, 104.474, 301.058



53, 90.392, 309.945



48, 6.814, 287.994



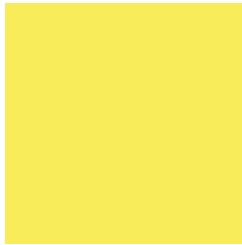
24, 103.223, 305.369



4, 39.782, 299.538

Previews

White Background



This preview shows how the CIELCh color 92, 70.837, 100.380 looks on a white background.

Color Contrast Check

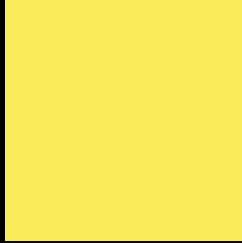
Large Text (above 18pt) WCAG AA × Fail

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, 70.837, 100.380 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, 70.837, 100.380

Background



This preview shows how black text looks on a background with the CIELCh color 92, 70.837, 100.380.

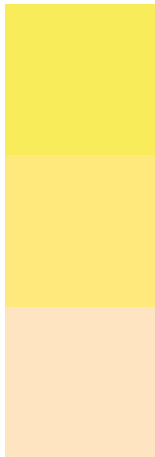


This preview shows how white text looks on a background with the CIELCh color 92, 70.837, 100.380.

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, 70.837, 100.380

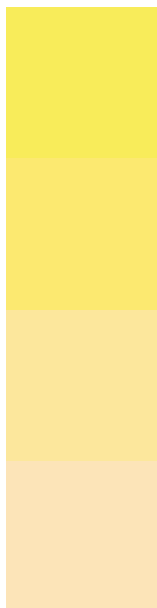
Protanopia
92, 55.120, 95.791

Deuteranopia
92, 20.412, 78.243



Tritanopia
92, 13.007, 349.317

Trichromacy



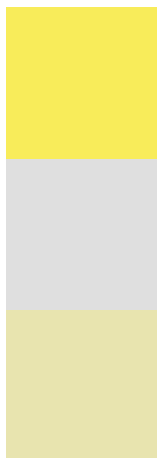
Original Color
92, 70.837, 100.380

Protanomaly
92, 60.692, 97.768

Deuteranomaly
92, 39.245, 94.636

Tritanomaly
92, 24.554, 86.003

Monochromacy



Original Color
92, 70.837, 100.380

Achromatopsia
89, 0.011, 296.813

Achromatomaly
90, 27.315, 104.662

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 70.837, 100.380 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(248, 236, 90)` looks like.

```
.text, #text, p{  
    color:rgb(248, 236, 90)  
}
```

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(248, 236, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 236, 90) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 70.837, 100.380 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(248, 236, 90) }
```

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

```
.border{ border-color:rgb(248, 236, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 236, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 236, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 236, 90);  
box-shadow:4px 4px 4px 4px rgb(248, 236,  
90) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 70.837, 100.380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 236, 90) }
```

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

```
.background{ background-color: rgb(248,  
236, 90) }
```

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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