

Converting Colors

CIELCh(100, 87.638, 75.772)

Have a look what the booklet for
CIELCh(100, 87.638, 75.772)
contains.

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Color

CIELCh(92, 76.048, 98.001)

Conversions

Conversions Part 1

Format	Color
Hex	FEEB4C
RGB	254, 235, 76
RGB Percent	100%, 92%, 30%
CMY	0.0058, 0.0798, 0.7036
CMYK	0.00, 0.07, 0.70, 0.01
HSL	54°, 98%, 65%
HSV	54°, 70%, 99%
XYZ	71.5926, 80.7044, 18.5633
YIQ	222.5550, 62.3630, -45.4210

Conversions

Conversions Part 2

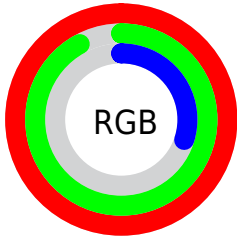
Format	Color
R _Y B	97, 254, 76
Decimal	16706380
CIE Lab	92.00, -10.59, 75.31
CIE LCh	92, 76.048, 98.001
Yxy	80.7044, 0.4190, 0.4723
Android (android.graphics.Color)	4294896460 (0xFFFEEB4C)
YUV	222.5550, -72.2516, 27.5773
Hunter-Lab	89.8356, -14.9606, 50.6335

Details

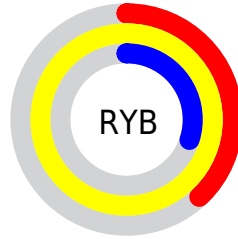
The CIELCh color **92, 76.048, 98.001** is a light color, and the websafe version is hex **FFFF66**. The color can be described as light washed yellow. A complement of this color would be **48, 92.265, 298.483**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 59.517, 105.622**, and **72, 74.887, 98.017** is the 20% darker color. If you saturate the color by 10%, you get **91, 83.128, 97.064**, and if you desaturate by 10%, it is **93, 67.091, 99.008**.

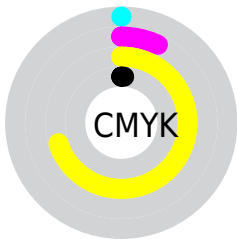
Distribution



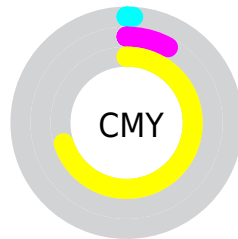
- Red (100%)
- Green (92%)
- Blue (30%)



- Red (38%)
- Yellow (100%)
- Blue (30%)



- Cyan (0%)
- Magenta (7%)
- Yellow (70%)
- Black (1%)



- Cyan (1%)
- Magenta (8%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 76.048, 98.001 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, 76.048, 98.001 by changing the saturation by 10% instead.

■ 92, 76.048, 98.001

■ 92, 76.048, 98.001

■ 100, 76.048,
98.001

■ 82, 76.048, 98.001

■ 72, 76.048, 98.001

■ 62, 76.048, 98.001

■ 52, 76.048, 98.001

■ 42, 76.048, 98.001

■ 32, 76.048, 98.001

■ 22, 76.048, 98.001

■ 12, 76.048, 98.001

■ 2, 76.048, 98.001

■ 92, 76.048, 98.001

■ 92, 76.048, 98.001

■ 91, 83.128, 97.064

■ 93, 67.091, 99.008

■ 90, 87.629, 96.191

■ 94, 56.926,
100.062

■ 90, 89.456, 95.376

■ 95, 46.046,
101.147

■ 96, 34.773,
102.246

■ 97, 23.303,
103.342

■ 98, 11.758,
104.419

■ 99, 0.208, 104.861

■ 100, 0.513,
200.665

Harmonies

Complementary

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



92, 76.048, 98.001



48, 92.265, 298.483

Rectangle

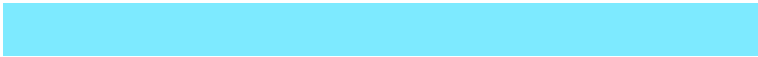
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92, 76.048, 98.001



92, 76.048, 148.001



92, 76.048, 278.001



92, 76.048, 328.001

Sweetspot

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



92, 76.048, 98.004



97, 24.350, 103.253



59, 73.538, 22.663



52, 16.475, 102.951



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, 76.048, 98.004



91, 85.566, 96.722



92, 87.249, 121.921



53, 6.590, 104.491



70, 72.453, 95.514



24, 32.693, 96.656

Inverse Universe

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



48, 92.265, 298.483



40, 111.936, 302.046



50, 101.004, 309.435



49, 6.706, 286.586



25, 102.480, 304.883



5, 40.753, 299.833

Previews

White Background



This preview shows how the CIELCh color 92, 76.048, 98.001 looks on a white background.

Color Contrast Check

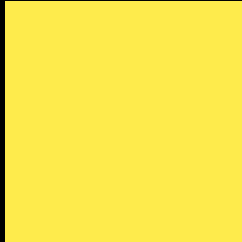
Large Text (above 18pt) WCAG AA × Fail

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, 76.048, 98.001 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, 76.048, 98.001

Background



This preview shows how black text looks on a background with the CIELCh color 92, 76.048, 98.001.



This preview shows how white text looks on a background with the CIELCh color 92, 76.048, 98.001.

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, 76.035, 97.976

Protanopia

92, 55.580, 95.828

Deuteranopia

92, 20.865, 78.884



Tritanopia
92, 12.530, 353.397

Trichromacy



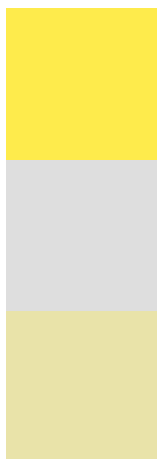
Original Color
92, 76.035, 97.976

Protanomaly
92, 63.452, 97.085

Deuteranomaly
92, 41.999, 93.455

Tritanomaly
92, 28.222, 86.824

Monochromacy



Original Color
92, 76.035, 97.976

Achromatopsia
88, 0.011, 296.813

Achromatomaly
89, 29.925, 103.193

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 76.048, 98.001 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, 76)` looks like.

```
.text, #text, p{  
    color:rgb(254, 235, 76)  
}
```

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, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 235, 76) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 76.048, 98.001 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, 76) }
```

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

```
.border{ border-color:rgb(254, 235, 76) }
```

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, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 235, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 235, 76);  
box-shadow:4px 4px 4px 4px rgb(254, 235,  
76) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 76.048, 98.001 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, 76) }
```

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

```
.background{ background-color: rgb(254,  
235, 76) }
```

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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