

Converting Colors

CIELCh(92, 66.388, 108.921)

Have a look what the booklet for
CIELCh(92, 66.388, 108.921)
contains.

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Color

CIELCh(92, 66.180, 108.821)

Conversions

Conversions Part 1

Format	Color
Hex	E6F16A
RGB	230, 241, 106
RGB Percent	90%, 95%, 42%
CMY	0.0984, 0.0552, 0.5846
CMYK	0.05, 0.00, 0.56, 0.06
HSL	65°, 83%, 68%
HSV	65°, 56%, 94%
XYZ	66.6295, 80.7044, 25.6780
YIQ	222.3210, 36.7790, -44.3170

Conversions

Conversions Part 2

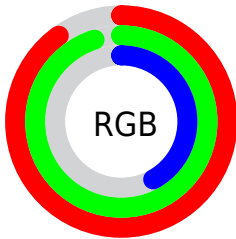
Format	Color
RYB	106, 241, 117
Decimal	15135082
CIELab	92.00, -21.35, 62.64
CIElCh	92, 66.180, 108.821
Yxy	80.7044, 0.3851, 0.4665
Android (android.graphics.Color)	4293325162 (0xFFE6F16A)
YUV	222.3210, -57.3463, 6.7345
Hunter-Lab	89.8356, -24.8221, 45.9379

Details

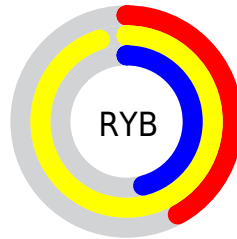
The CIELCh color **92, 66.180, 108.821** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **52, 77.686, 300.660**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 46.881, 106.594**, and **72, 66.225, 108.721** is the 20% darker color. If you saturate the color by 10%, you get **92, 75.823, 108.233**, and if you desaturate by 10%, it is **92, 55.404, 109.541**.

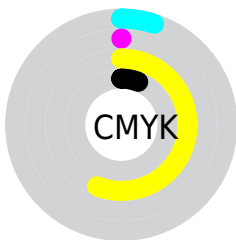
Distribution



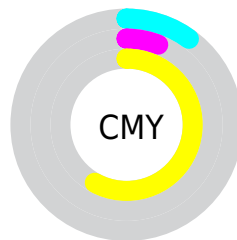
- Red (90%)
- Green (95%)
- Blue (42%)



- Red (42%)
- Yellow (95%)
- Blue (46%)



- Cyan (5%)
- Magenta (0%)
- Yellow (56%)
- Black (6%)





- Cyan (10%)
- Magenta (6%)
- Yellow (58%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 92, 66.180, 108.821 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, 66.180, 108.821 by changing the saturation by 10% instead.


 92, 66.180,
108.821


 92, 66.180,
108.821


 100, 66.180,
108.821


 82, 66.180,
108.821

 72, 66.180,
108.821

 62, 66.180,
108.821

 52, 66.180,
108.821

 42, 66.180,
108.821

 32, 66.180,
108.821

 22, 66.180,

108.821

■ 12, 66.180,
108.821

■ 2, 66.180, 108.821

■ 92, 66.180,
108.821

■ 92, 66.180,
108.821

■ 92, 75.823,
108.233

■ 92, 55.404,
109.541

■ 91, 83.781,
107.831

■ 93, 43.907,
110.338

■ 91, 89.472,
107.682

■ 93, 31.971,
111.176

■ 91, 92.555,
107.826

■ 94, 19.781,
112.029

91, 93.296,
107.937

95, 7.457, 112.875

95, 4.922, 293.720

96, 7.310, 298.183

96, 7.436, 303.381

96, 7.621, 308.384

Harmonies

Complementary

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



92, 66.180, 108.821



52, 77.686, 300.660

Rectangle

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



92, 66.180, 108.821



92, 66.180, 158.821



92, 66.180, 288.821



92, 66.180, 338.821

Sweetspot

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



92, 66.181, 108.823



99, 21.952, 111.942



63, 55.424, 30.573



53, 14.672, 111.770



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, 66.181, 108.823



96, 80.229, 108.175



88, 72.967, 128.810



50, 6.991, 112.586



71, 76.088, 107.853



22, 32.017, 107.810

Inverse Universe

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



52, 77.686, 300.660



47, 98.622, 302.674



59, 78.192, 313.928



46, 7.147, 294.237



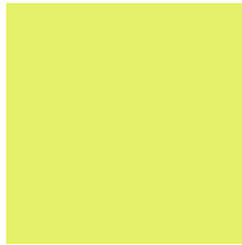
22, 104.124, 306.541



3, 38.016, 300.653

Previews

White Background



This preview shows how the CIELCh color 92, 66.180, 108.821 looks on a white background.

Color Contrast Check

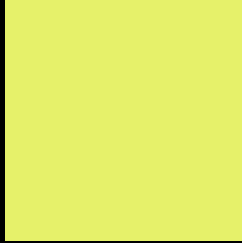
Large Text (above 18pt) WCAG AA × Fail

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, 66.180, 108.821 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, 66.180, 108.821

Background



This preview shows how black text looks on a background with the CIELCh color 92, 66.180, 108.821.

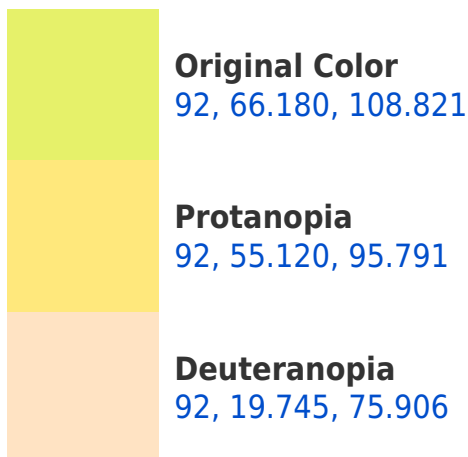


This preview shows how white text looks on a background with the CIELCh color 92, 66.180, 108.821.

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



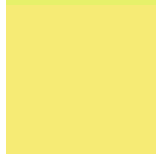


Tritanopia
92, 11.325, 324.822

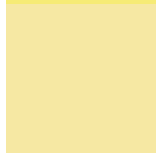
Trichromacy



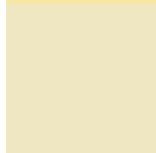
Original Color
92, 66.180, 108.821



Protanomaly
92, 58.898, 100.974



Deuteranomaly
92, 35.705, 98.344

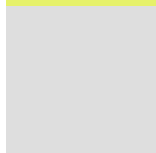


Tritanomaly
91, 19.277, 99.561

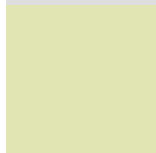
Monochromacy



Original Color
92, 66.180, 108.821



Achromatopsia
88, 0.011, 296.813



Achromatomaly
90, 25.279, 111.579

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 66.180, 108.821 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(230, 241, 106)` looks like.

```
.text, #text, p{  
    color:rgb(230, 241, 106)  
}
```

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(230, 241, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 241, 106) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 66.180, 108.821 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(230, 241, 106) }
```

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

```
.border{ border-color:rgb(230, 241, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 241, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 241, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 241, 106);  
box-shadow:4px 4px 4px 4px rgb(230, 241,  
106) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 66.180, 108.821 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 241, 106) }
```

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

```
.background{ background-color: rgb(230,  
241, 106) }
```

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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