

Converting Colors

CIELCh(92, 92.447, 102.826)

Have a look what the booklet for
CIELCh(92, 92.447, 102.826)
contains.

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Color

CIELCh(92, 92.488, 102.857)

Conversions

Conversions Part 1

Format	Color
Hex	F0F000
RGB	240, 240, 0
RGB Percent	94%, 94%, 0%
CMY	0.0596, 0.0595, 0.9987
CMYK	0.00, 0.00, 1.00, 0.06
HSL	60°, 100%, 47%
HSV	60°, 100%, 94%
XYZ	66.9767, 80.7044, 12.0558
YIQ	212.6400, 77.0400, -74.6400

Conversions

Conversions Part 2

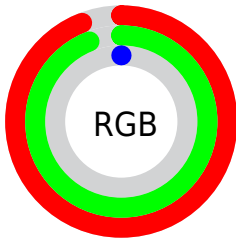
Format	Color
RYB	0, 240, 0
Decimal	15790080
CIELab	92.00, -20.58, 90.17
CIELCh	92, 92.488, 102.857
Yxy	80.7044, 0.4193, 0.5052
Android (android.graphics.Color)	4293980160 (0xFFFF0F00)
YUV	212.6400, -104.8315, 23.9947
Hunter-Lab	89.8356, -24.1322, 54.9283

Details

The CIELCh color **92, 92.488, 102.857** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light saturated yellow. A complement of this color would be **30, 127.680, 306.278**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 76.764, 104.318**, and **72, 75.892, 104.534** is the 20% darker color. If you saturate the color by 10%, you get **92, 92.512, 102.857**, and if you desaturate by 10%, it is **92, 90.270, 103.024**.

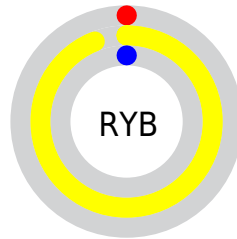
Distribution



Red (94%)

Green (94%)

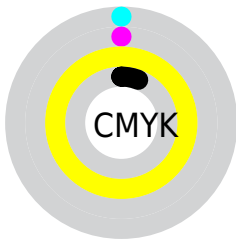
Blue (0%)



Red (0%)

Yellow (94%)

Blue (0%)

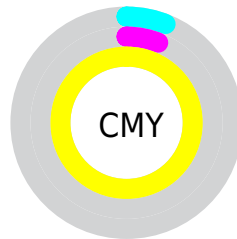


Cyan (0%)

Magenta (0%)

Yellow (100%)

Black (6%)



Cyan (6%)


Magenta (6%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 92, 92.488, 102.857 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, 92.488, 102.857 by changing the saturation by 10% instead.


 92, 92.488,
102.857


 92, 92.488,
102.857


 100, 92.488,
102.857


 82, 92.488,
102.857

 72, 92.488,
102.857

 62, 92.488,
102.857

 52, 92.488,
102.857

 42, 92.488,
102.857

 32, 92.488,
102.857

 22, 92.488,

102.857

■ 12, 92.488,
102.857

■ 2, 92.488, 102.857

■ 92, 92.488,
102.857

■ 92, 92.488,
102.857

■ 92, 92.512,
102.857

■ 92, 90.270,
103.024

■ 92, 85.659,
103.370

■ 92, 78.596,
103.909

■ 92, 69.608,
104.610

■ 93, 59.281,
105.429

■ 93, 48.087,
106.328

■ 93, 36.361,
107.277

■ 94, 24.322,
108.248

■ 94, 12.113,
109.222

Harmonies

Complementary

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



92, 92.488, 102.857



30, 127.680, 306.278

Rectangle

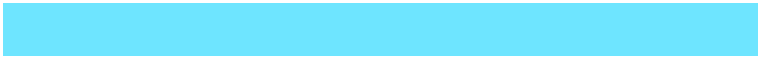
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92, 92.488, 102.857



92, 92.488, 152.857



92, 92.488, 282.857



92, 92.488, 332.857

Sweetspot

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



92, 92.487, 102.859



98, 38.382, 107.254



50, 99.755, 39.970



52, 26.096, 106.849



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, 92.487, 102.859



97, 96.910, 102.857



85, 104.369, 128.298



50, 6.974, 109.260



72, 75.720, 102.857



23, 31.945, 103.311

Inverse Universe

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



30, 127.680, 306.278



32, 133.815, 306.287



38, 119.273, 311.720



46, 7.131, 291.170



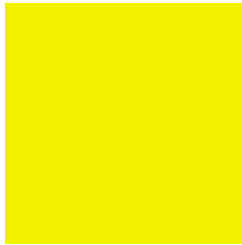
22, 104.555, 306.287



3, 37.809, 298.752

Previews

White Background



This preview shows how the CIELCh color 92, 92.488, 102.857 looks on a white background.

Color Contrast Check

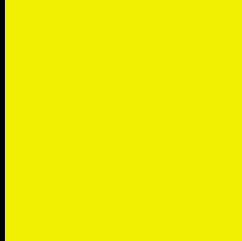
Large Text (above 18pt) WCAG AA × Fail

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, 92.488, 102.857 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, 92.488, 102.857

Background



This preview shows how black text looks on a background with the CIELCh color 92, 92.488, 102.857.

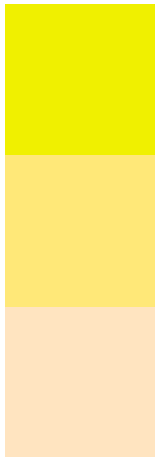


This preview shows how white text looks on a background with the CIELCh color 92, 92.488, 102.857.

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, 92.563, 102.852

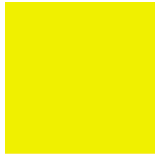
Protanopia
92, 56.953, 95.932

Deuteranopia
92, 21.321, 79.496



Tritanopia
92, 14.436, 343.016

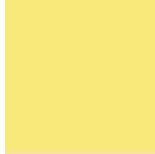
Trichromacy



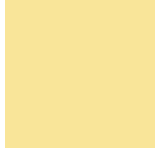
Original Color
92, 92.563, 102.852



Protanomaly
92, 75.806, 99.572



Deuteranomaly
91, 55.620, 98.393



Tritanomaly
91, 39.701, 95.270

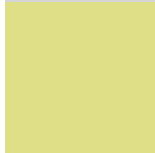
Monochromacy



Original Color
92, 92.563, 102.852



Achromatopsia
85, 0.010, 296.813



Achromatomaly
87, 44.414, 106.419

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 92.488, 102.857 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(240, 240, 0)` looks like.

```
.text, #text, p{  
    color:rgb(240, 240, 0)  
}
```

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(240, 240, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 240, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 92.488, 102.857 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(240, 240, 0) }
```

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

```
.border{ border-color:rgb(240, 240, 0) }
```

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

Here you see how a box with a 4 pixel rgb(240, 240, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 240, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 240, 0);  
box-shadow:4px 4px 4px 4px rgb(240, 240,  
0) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 92.488, 102.857 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 240, 0) }
```

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

```
.background{ background-color: rgb(240,  
240, 0) }
```

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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