

Converting Colors

CIELCh(92, 93.598, 108.369)

Have a look what the booklet for
CIELCh(92, 93.598, 108.369)
contains.

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Color

CIELCh(92, 93.448, 108.318)

Conversions

Conversions Part 1

Format	Color
Hex	DFF40C
RGB	223, 244, 12
RGB Percent	87%, 96%, 5%
CMY	0.1239, 0.0417, 0.9513
CMYK	0.09, 0.00, 0.95, 0.04
HSL	65°, 92%, 50%
HSV	65°, 95%, 96%
XYZ	63.0853, 80.7044, 12.6127
YIQ	211.2730, 61.9560, -76.6040

Conversions

Conversions Part 2

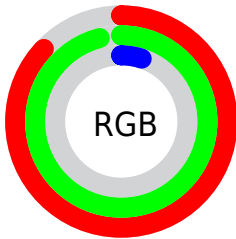
Format	Color
R _Y B	12, 244, 33
Decimal	14677004
CIE Lab	92.00, -29.37, 88.71
CIE LCh	92, 93.448, 108.318
Yxy	80.7044, 0.4034, 0.5160
Android (android.graphics.Color)	4292867084 (0xFFDFF40C)
YUV	211.2730, -98.2416, 10.2846
Hunter-Lab	89.8356, -31.8642, 54.5608

Details

The CIELCh color **92, 93.448, 108.318** 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 **32, 126.691, 306.305**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 75.617, 104.403**, and **72, 78.010, 110.917** is the 20% darker color. If you saturate the color by 10%, you get **92, 94.411, 108.485**, and if you desaturate by 10%, it is **92, 90.035, 108.170**.

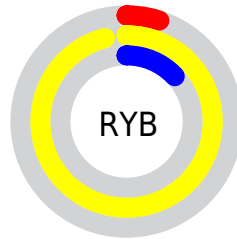
Distribution



Red (87%)

Green (96%)

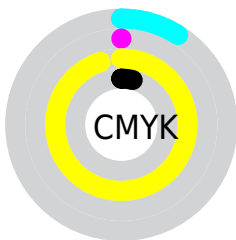
Blue (5%)



Red (5%)

Yellow (96%)

Blue (13%)

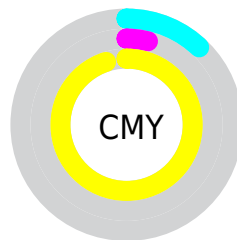


Cyan (9%)

Magenta (0%)

Yellow (95%)

Black (4%)



Cyan (12%)


Magenta (4%)


Yellow (95%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 92, 93.448, 108.318 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, 93.448, 108.318 by changing the saturation by 10% instead.


 92, 93.448,
108.318


 92, 93.448,
108.318


 100, 93.448,
108.318


 82, 93.448,
108.318

 72, 93.448,
108.318

 62, 93.448,
108.318

 52, 93.448,
108.318

 42, 93.448,
108.318

 32, 93.448,
108.318

 22, 93.448,

108.318

■ 12, 93.448,
108.318

■ 2, 93.448, 108.318

■ 92, 93.448,
108.318

■ 92, 93.448,
108.318

■ 92, 94.411,
108.485

■ 92, 90.035,
108.170

■ 92, 83.999,
108.321

■ 93, 75.726,
108.726

■ 93, 65.816,
109.316

■ 94, 54.809,
110.031

■ 94, 43.111,
110.821

■ 95, 30.994,
111.650

■ 95, 18.636,
112.491

■ 96, 6.154, 113.324

Harmonies

Complementary

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



92, 93.448, 108.318



32, 126.691, 306.305

Rectangle

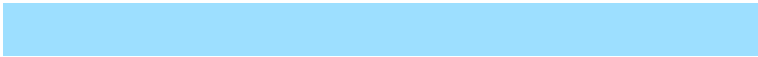
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92, 93.448, 108.318



92, 93.448, 158.318



92, 93.448, 288.318



92, 93.448, 338.318

Sweetspot

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



92, 93.448, 108.320



98, 35.975, 111.387



52, 97.084, 40.051



52, 24.756, 111.029



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, 93.448, 108.320



95, 97.505, 108.498



86, 106.891, 130.259



51, 7.116, 112.946



72, 76.953, 108.393



23, 33.287, 108.157

Inverse Universe

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



32, 126.691, 306.305



33, 133.339, 306.506



43, 116.980, 314.139



47, 7.275, 294.574



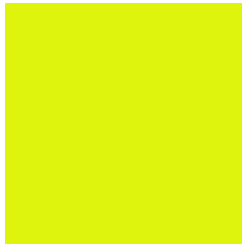
23, 105.143, 306.573



3, 40.172, 301.853

Previews

White Background



This preview shows how the CIELCh color 92, 93.448, 108.318 looks on a white background.

Color Contrast Check

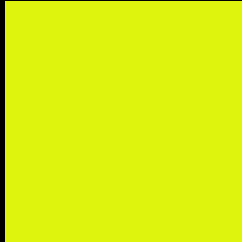
Large Text (above 18pt) WCAG AA × Fail

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, 93.448, 108.318 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, 93.448, 108.318

Background



This preview shows how black text looks on a background with the CIELCh color 92, 93.448, 108.318.

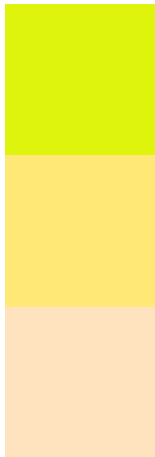


This preview shows how white text looks on a background with the CIELCh color 92, 93.448, 108.318.

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](#).

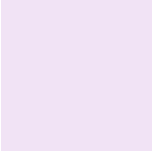
Dichromacy



Original Color
92, 93.370, 108.328

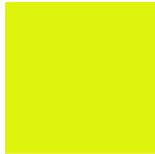
Protanopia
92, 57.861, 95.995

Deuteranopia
92, 21.539, 78.584



Tritanopia
92, 10.589, 318.441

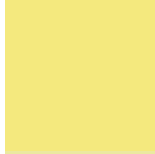
Trichromacy



Original Color
92, 93.370, 108.328



Protanomaly
92, 74.897, 101.892

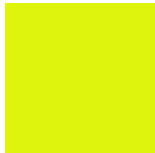


Deuteranomaly
91, 53.905, 100.972

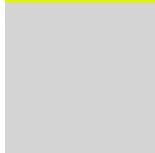


Tritanomaly
91, 37.230, 105.920

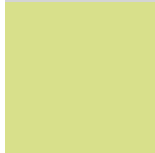
Monochromacy



Original Color
92, 93.370, 108.328



Achromatopsia
85, 0.010, 296.813



Achromatomaly
87, 43.537, 110.755

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 93.448, 108.318 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(223, 244, 12)` looks like.

```
.text, #text, p{  
    color:rgb(223, 244, 12)  
}
```

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(223, 244, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 244, 12) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 93.448, 108.318 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(223, 244, 12) }
```

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

```
.border{ border-color:rgb(223, 244, 12) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 244, 12)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 244, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 244, 12);  
box-shadow:4px 4px 4px 4px rgb(223, 244,  
12) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 93.448, 108.318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 244, 12) }
```

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

```
.background{ background-color: rgb(223,  
244, 12) }
```

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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