

Converting Colors

CIELCh(92, 91.496, 98.048)

Have a look what the booklet for
CIELCh(92, 91.496, 98.048) contains.

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Color

CIELCh(92, 91.614, 98.298)

Conversions

Conversions Part 1

Format	Color
Hex	FDEC00
RGB	253, 236, 0
RGB Percent	99%, 93%, 0%
CMY	0.0088, 0.0753, 0.9993
CMYK	0.00, 0.07, 1.00, 0.01
HSL	56°, 100%, 50%
HSV	56°, 100%, 99%
XYZ	70.3550, 80.7044, 11.8738
YIQ	214.1790, 85.8880, -69.7920

Conversions

Conversions Part 2

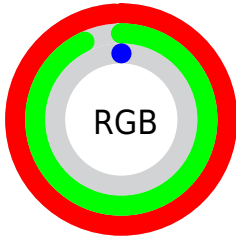
Format	Color
R _Y B	18, 253, 0
Decimal	16641024
CIE Lab	92.00, -13.22, 90.65
CIE LCh	92, 91.614, 98.298
Yxy	80.7044, 0.4318, 0.4953
Android (android.graphics.Color)	4294831104 (0xFFFDEC00)
YUV	214.1790, -105.5902, 34.0460
Hunter-Lab	89.8356, -17.4197, 55.0484

Details

The CIELCh color **92, 91.614, 98.298** 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 **33, 130.061, 305.690**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 76.764, 104.318**, and **72, 75.053, 99.416** is the 20% darker color. If you saturate the color by 10%, you get **92, 91.624, 98.296**, and if you desaturate by 10%, it is **92, 89.644, 98.862**.

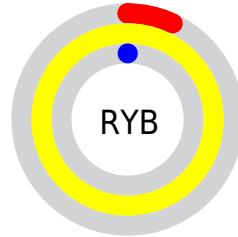
Distribution



Red (99%)

Green (93%)

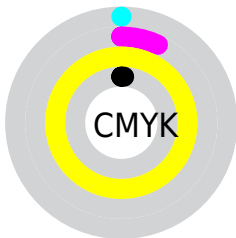
Blue (0%)



Red (7%)

Yellow (99%)

Blue (0%)

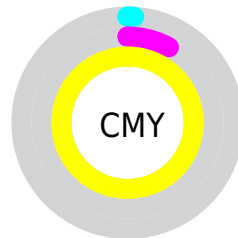


Cyan (0%)

Magenta (7%)

Yellow (100%)

Black (1%)



Cyan (1%)

Magenta (8%)

Yellow (100%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 91.614, 98.298 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, 91.614, 98.298 by changing the saturation by 10% instead.

 92, 91.614, 98.298

 92, 91.614, 98.298

 100, 91.614,
98.298

 82, 91.614, 98.298

 72, 91.614, 98.298

 62, 91.614, 98.298

 52, 91.614, 98.298

 42, 91.614, 98.298

 32, 91.614, 98.298

 22, 91.614, 98.298

 12, 91.614, 98.298

 2, 91.614, 98.298

■ 92, 91.614, 98.298

■ 92, 91.614, 98.298

■ 92, 91.624, 98.296

■ 92, 89.644, 98.862

■ 93, 85.054, 99.528

■ 94, 77.892,
100.315

■ 94, 68.803,
101.204

■ 95, 58.437,
102.171

■ 96, 47.289,
103.187

■ 96, 35.688,
104.230

■ 97, 23.845,
105.279

■ 98, 11.890,
106.317

Harmonies

Complementary

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



92, 91.614, 98.298



33, 130.061, 305.690

Rectangle

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



92, 91.614, 98.298



92, 91.614, 148.298



92, 91.614, 278.298



92, 91.614, 328.298

Sweetspot

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



92, 91.613, 98.300



97, 36.032, 104.221



53, 100.367, 37.405



51, 24.523, 103.779



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, 91.613, 98.300



93, 92.237, 98.294



90, 105.687, 125.324



53, 6.859, 106.360



72, 74.352, 98.377



25, 33.703, 99.132

Inverse Universe

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



33, 130.061, 305.690



33, 130.998, 305.701



38, 126.415, 309.967



49, 6.993, 288.388



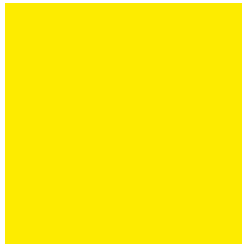
24, 104.760, 305.502



4, 41.993, 300.595

Previews

White Background



This preview shows how the CIELCh color 92, 91.614, 98.298 looks on a white background.

Color Contrast Check

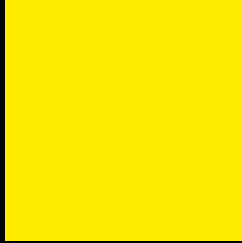
Large Text (above 18pt) WCAG AA × Fail

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, 91.614, 98.298 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, 91.614, 98.298

Background



This preview shows how black text looks on a background with the CIELCh color 92, 91.614, 98.298.



This preview shows how white text looks on a background with the CIELCh color 92, 91.614, 98.298.

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, 91.689, 98.296

Protanopia

92, 56.039, 95.864

Deuteranopia

92, 21.321, 79.496



Tritanopia
92, 12.530, 353.397

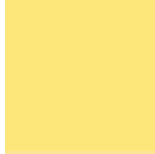
Trichromacy



Original Color
92, 91.689, 98.296



Protanomaly
92, 74.686, 97.282



Deuteranomaly
92, 55.610, 95.804

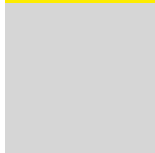


Tritanomaly
91, 41.309, 92.110

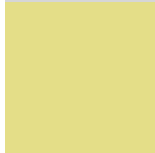
Monochromacy



Original Color
92, 91.689, 98.296



Achromatopsia
86, 0.010, 296.813



Achromatomaly
87, 44.029, 103.265

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 91.614, 98.298 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(253, 236, 0)` looks like.

```
.text, #text, p{  
    color:rgb(253, 236, 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(253, 236, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 236, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 91.614, 98.298 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(253, 236, 0) }
```

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

```
.border{ border-color:rgb(253, 236, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 236, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 236, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 236, 0);  
box-shadow:4px 4px 4px 4px rgb(253, 236,  
0) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 91.614, 98.298 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 236, 0) }
```

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

```
.background{ background-color: rgb(253,  
236, 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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