

Converting Colors

CIELCh(92, 90.925, 99.079)

Have a look what the booklet for
CIELCh(92, 90.925, 99.079) contains.

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Color

CIELCh(92, 90.789, 98.859)

Conversions

Conversions Part 1

Format	Color
Hex	FBEC0C
RGB	251, 236, 12
RGB Percent	98%, 93%, 5%
CMY	0.0147, 0.0736, 0.9534
CMYK	0.00, 0.06, 0.95, 0.01
HSL	56°, 97%, 52%
HSV	56°, 95%, 99%
XYZ	70.0009, 80.7044, 12.2311
YIQ	214.9490, 80.8440, -66.4840

Conversions

Conversions Part 2

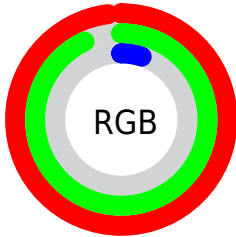
Format	Color
R _Y B	28, 251, 12
Decimal	16509964
CIE Lab	92.00, -13.98, 89.71
CIE LCh	92, 90.789, 98.859
Yxy	80.7044, 0.4296, 0.4953
Android (android.graphics.Color)	4294700044 (0xFFFBEC0C)
YUV	214.9490, -100.0539, 31.6167
Hunter-Lab	89.8356, -18.1231, 54.8126

Details

The CIELCh color **92, 90.789, 98.859** 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 **34, 126.732, 305.234**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 76.002, 104.374**, and **72, 75.026, 99.760** is the 20% darker color. If you saturate the color by 10%, you get **92, 91.497, 98.619**, and if you desaturate by 10%, it is **92, 87.721, 99.439**.

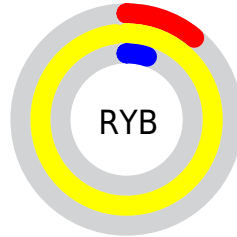
Distribution



Red (98%)

Green (93%)

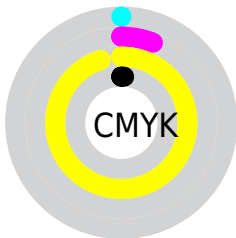
Blue (5%)



Red (11%)

Yellow (98%)

Blue (5%)

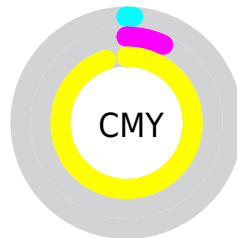


Cyan (0%)

Magenta (6%)

Yellow (95%)

Black (1%)



Cyan (1%)

Magenta (7%)

Yellow (95%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 90.789, 98.859 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, 90.789, 98.859 by changing the saturation by 10% instead.

 92, 90.789, 98.859

 92, 90.789, 98.859

 100, 90.789,
98.859

 82, 90.789, 98.859

 72, 90.789, 98.859

 62, 90.789, 98.859

 52, 90.789, 98.859

 42, 90.789, 98.859

 32, 90.789, 98.859

 22, 90.789, 98.859

 12, 90.789, 98.859

 2, 90.789, 98.859

■ 92, 90.789, 98.859

■ 92, 90.789, 98.859

■ 92, 91.497, 98.619

■ 92, 87.721, 99.439

■ 93, 81.883,
100.142

■ 94, 73.762,
100.964

■ 94, 64.032,
101.881

■ 95, 53.274,
102.865

■ 96, 41.901,
103.889

■ 96, 30.180,
104.931

■ 97, 18.282,
105.972

Harmonies

Complementary

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



92, 90.789, 98.859



34, 126.732, 305.234

Rectangle

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



92, 90.789, 98.859



92, 90.789, 148.859



92, 90.789, 278.859



92, 90.789, 328.859

Sweetspot

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



92, 90.788, 98.861



97, 34.996, 104.539



53, 97.867, 36.534



52, 23.956, 104.094



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, 90.788, 98.861



93, 92.527, 98.615



90, 104.292, 125.396



52, 6.777, 106.566



71, 73.842, 98.696



24, 32.678, 99.510

Inverse Universe

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



34, 126.732, 305.234



33, 131.233, 305.751



39, 123.282, 310.566



48, 6.911, 288.582



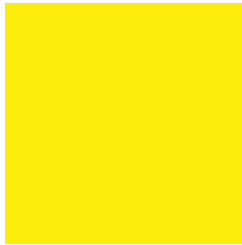
23, 103.892, 305.549



4, 40.173, 299.775

Previews

White Background



This preview shows how the CIELCh color 92, 90.789, 98.859 looks on a white background.

Color Contrast Check

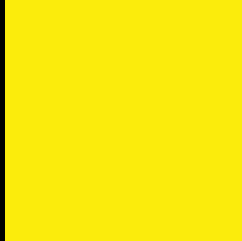
Large Text (above 18pt) WCAG AA × Fail

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, 90.789, 98.859 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, 90.789, 98.859

Background



This preview shows how black text looks on a background with the CIELCh color 92, 90.789, 98.859.



This preview shows how white text looks on a background with the CIELCh color 92, 90.789, 98.859.

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, 90.708, 98.862

Protanopia
92, 56.496, 95.898

Deuteranopia
92, 21.321, 79.496



Tritanopia
92, 12.530, 353.397

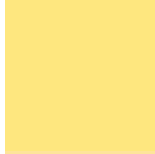
Trichromacy



Original Color
92, 90.708, 98.862



Protanomaly
92, 73.898, 97.631



Deuteranomaly
92, 53.298, 95.606

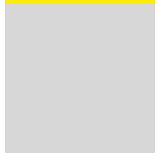


Tritanomaly
91, 39.373, 91.600

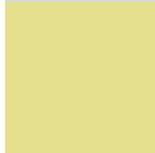
Monochromacy



Original Color
92, 90.708, 98.862



Achromatopsia
86, 0.010, 296.813



Achromatomaly
88, 42.012, 103.868

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 90.789, 98.859 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(251, 236, 12)` looks like.

```
.text, #text, p{  
    color:rgb(251, 236, 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(251, 236, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 236, 12) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 90.789, 98.859 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(251, 236, 12) }
```

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

```
.border{ border-color:rgb(251, 236, 12) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 236, 12)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 236, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 236, 12);  
box-shadow:4px 4px 4px 4px rgb(251, 236,  
12) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 90.789, 98.859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 236, 12) }
```

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

```
.background{ background-color: rgb(251,  
236, 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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