

Converting Colors

CIELCh(90, 67.145, 94.930)

Have a look what the booklet for
CIELCh(90, 67.145, 94.930) contains.

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Color

CIELCh(90, 66.994, 94.826)

Conversions

Conversions Part 1

Format	Color
Hex	FDE25C
RGB	253, 226, 92
RGB Percent	99%, 89%, 36%
CMY	0.0064, 0.1124, 0.6379
CMYK	0.00, 0.11, 0.64, 0.01
HSL	50°, 98%, 68%
HSV	50°, 64%, 99%
XYZ	69.8731, 76.3034, 21.2455
YIQ	218.7970, 59.1060, -35.9500

Conversions

Conversions Part 2

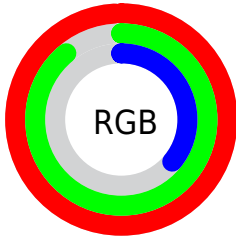
Format	Color
RYB	124, 253, 92
Decimal	16638556
CIELab	90.00, -5.64, 66.76
CIELCh	90, 66.994, 94.826
Yxy	76.3034, 0.4173, 0.4558
Android (android.graphics.Color)	4294828636 (0xFFFDE25C)
YUV	218.7970, -62.5109, 29.9960
Hunter-Lab	87.3518, -10.0827, 46.7258

Details

The CIELCh color **90, 66.994, 94.826** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light muted yellow. A complement of this color would be **55, 76.500, 294.048**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 53.521, 106.082**, and **70, 66.942, 94.827** is the 20% darker color. If you saturate the color by 10%, you get **89, 75.331, 93.639**, and if you desaturate by 10%, it is **91, 57.397, 96.022**.

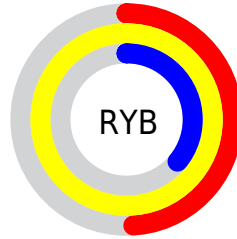
Distribution



Red (99%)

Green (89%)

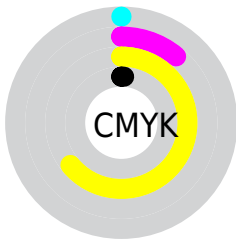
Blue (36%)



Red (49%)

Yellow (99%)

Blue (36%)

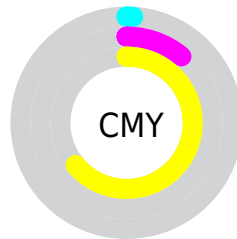


Cyan (0%)

Magenta (11%)

Yellow (64%)

Black (1%)



Cyan (1%)

Magenta (11%)

Yellow (64%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 66.994, 94.826 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 90, 66.994, 94.826 by changing the saturation by 10% instead.

 90, 66.994, 94.826

 90, 66.994, 94.826

 100, 66.994,
94.826

 80, 66.994, 94.826

 70, 66.994, 94.826

 60, 66.994, 94.826

 50, 66.994, 94.826

 40, 66.994, 94.826

 30, 66.994, 94.826

 20, 66.994, 94.826

 10, 66.994, 94.826

 0, 66.994, 94.826

90, 66.994, 94.826

90, 66.994, 94.826

89, 75.331, 93.639

91, 57.397, 96.022

88, 81.663, 92.439

93, 47.083, 97.219

86, 85.254, 91.190

94, 36.401, 98.411

86, 86.228, 90.342

96, 25.561, 99.589

97, 14.682,
100.742

99, 3.833, 101.836

100, 0.570,
200.533

Harmonies

Complementary

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



90, 66.994, 94.826



55, 76.500, 294.048

Rectangle

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



90, 66.994, 94.826



90, 66.994, 144.826



90, 66.994, 274.826



90, 66.994, 324.826

Sweetspot

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



90, 66.994, 94.829



97, 20.710, 100.118



62, 65.533, 15.280



51, 14.260, 99.786



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



90, 66.994, 94.829



89, 77.490, 93.345



93, 79.344, 119.210



52, 6.181, 101.197



66, 69.896, 90.582



22, 31.192, 92.341

Inverse Universe

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



55, 76.500, 294.048



47, 93.792, 297.599



53, 91.970, 307.326



49, 6.266, 283.407



26, 97.573, 303.467



5, 38.780, 298.477

Previews

White Background



This preview shows how the CIE LCh color 90, 66.994, 94.826 looks on a white background.

Color Contrast Check

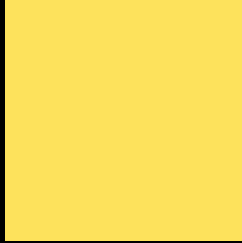
Large Text (above 18pt) WCAG AA × Fail

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 90, 66.994, 94.826 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 90, 66.994, 94.826

Background



This preview shows how black text looks on a background with the CIELCh color 90, 66.994, 94.826.



This preview shows how white text looks on a background with the CIELCh color 90, 66.994, 94.826.

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


90, 66.994, 94.826

Protanopia

90, 67.227, 95.589

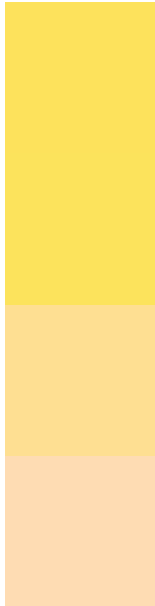
Deuteranopia

90, 26.545, 77.999



Tritanopia
90, 15.476, 356.922

Trichromacy



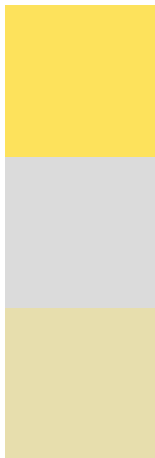
Original Color
90, 66.994, 94.826

Protanomaly
90, 67.227, 95.589

Deuteranomaly
90, 41.609, 89.166

Tritanomaly
90, 25.213, 76.444

Monochromacy



Original Color
90, 66.994, 94.826

Achromatopsia
87, 0.010, 296.813

Achromatomaly
88, 25.594, 100.154

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 66.994, 94.826 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, 226, 92)` looks like.

```
.text, #text, p{  
    color:rgb(253, 226, 92)  
}
```

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, 226, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 226, 92) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 66.994, 94.826 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, 226, 92) }
```

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

```
.border{ border-color:rgb(253, 226, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 226, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 226, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 226, 92);  
box-shadow:4px 4px 4px 4px rgb(253, 226,  
92) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 66.994, 94.826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 226, 92) }
```

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

```
.background{ background-color: rgb(253,  
226, 92) }
```

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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