

Converting Colors

CIELCh(92, 64.186, 79.299)

Have a look what the booklet for
CIELCh(92, 64.186, 79.299) contains.

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Color

CIELCh(89, 58.815, 91.223)

Conversions

Conversions Part 1

Format	Color
Hex	FFDD6C
RGB	255, 221, 108
RGB Percent	100%, 87%, 42%
CMY	0.0000, 0.1327, 0.5759
CMYK	0.00, 0.13, 0.58, 0.00
HSL	46°, 100%, 71%
HSV	46°, 58%, 100%
XYZ	69.9059, 74.1641, 24.8562
YIQ	218.2840, 56.5370, -27.9350

Conversions

Conversions Part 2

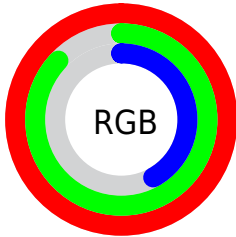
Format	Color
RYB	152, 255, 108
Decimal	16768364
CIELab	89.00, -1.26, 58.80
CIELCh	89, 58.815, 91.223
Yxy	74.1641, 0.4138, 0.4390
Android (android.graphics.Color)	4294958444 (0xFFFFDD6C)
YUV	218.2840, -54.3700, 32.1999
Hunter-Lab	86.1186, -5.8121, 43.1703

Details

The CIELCh color **89, 58.815, 91.223** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **61, 63.465, 289.176**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 46.400, 106.631**, and **69, 58.854, 91.263** is the 20% darker color. If you saturate the color by 10%, you get **87, 67.928, 89.933**, and if you desaturate by 10%, it is **91, 48.920, 92.609**.

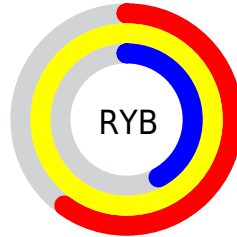
Distribution



Red (100%)

Green (87%)

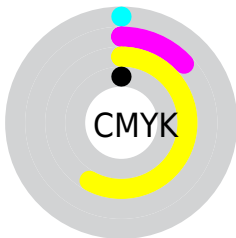
Blue (42%)



Red (60%)

Yellow (100%)

Blue (42%)

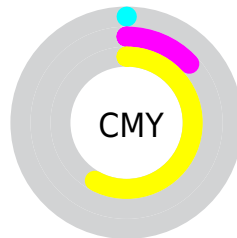


Cyan (0%)

Magenta (13%)

Yellow (58%)

Black (0%)



Cyan (0%)

Magenta (13%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 58.815, 91.223 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 89, 58.815, 91.223 by changing the saturation by 10% instead.

 89, 58.815, 91.223

 89, 58.815, 91.223

 100, 58.815,
91.223

 79, 58.815, 91.223

 69, 58.815, 91.223

 59, 58.815, 91.223

 49, 58.815, 91.223

 39, 58.815, 91.223

 29, 58.815, 91.223

 19, 58.815, 91.223

 9, 58.815, 91.223

 0, 58.815, 91.223

89, 58.815, 91.223

89, 58.815, 91.223

87, 67.928, 89.933

91, 48.920, 92.609

86, 75.683, 88.515

93, 38.692, 93.905

84, 81.224, 86.973

94, 28.340, 95.174

83, 83.863, 85.213

96, 17.993, 96.409

82, 84.255, 84.769

98, 7.719, 97.597

100, 0.012,
296.813

Harmonies

Complementary

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



89, 58.815, 91.223



61, 63.465, 289.176

Rectangle

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



89, 58.815, 91.223



89, 58.815, 141.223



89, 58.815, 271.223



89, 58.815, 321.223

Sweetspot

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



89, 58.797, 91.288



97, 17.382, 96.481



65, 59.642, 9.662



51, 11.638, 96.237



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



89, 58.797, 91.288



87, 69.120, 89.738



95, 72.628, 117.224



52, 5.788, 97.376



63, 67.961, 85.130



21, 29.831, 87.444

Inverse Universe

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



61, 63.465, 289.176



54, 77.471, 292.487



56, 83.592, 305.482



50, 5.842, 279.706



28, 91.234, 301.439



6, 36.469, 296.621

Previews

White Background



This preview shows how the CIELCh color 89, 58.815, 91.223 looks on a white background.

Color Contrast Check

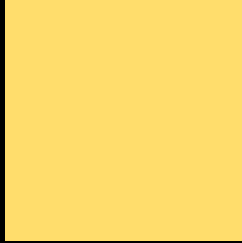
Large Text (above 18pt) WCAG AA × Fail

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 89, 58.815, 91.223 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 89, 58.815, 91.223

Background



This preview shows how black text looks on a background with the CIELCh color 89, 58.815, 91.223.



This preview shows how white text looks on a background with the CIELCh color 89, 58.815, 91.223.

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

89, 58.815, 91.223

Protanopia

89, 58.538, 95.827

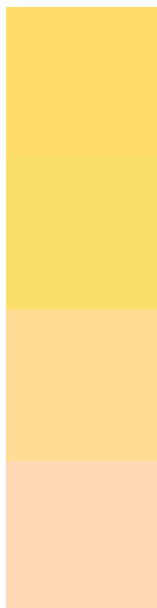
Deuteranopia

89, 29.082, 77.683



Tritanopia
89, 16.373, 0.293

Trichromacy



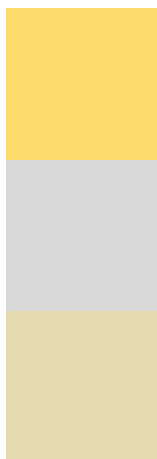
Original Color
89, 58.815, 91.223

Protanomaly
89, 58.463, 94.143

Deuteranomaly
89, 39.630, 85.309

Tritanomaly
89, 23.505, 68.197

Monochromacy



Original Color
89, 58.815, 91.223

Achromatopsia
87, 0.010, 296.813

Achromatomaly
87, 21.798, 96.037

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 58.815, 91.223 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(255, 221, 108)` looks like.

```
.text, #text, p{  
    color:rgb(255, 221, 108)  
}
```

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(255, 221, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 221, 108) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 58.815, 91.223 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(255, 221, 108) }
```

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

```
.border{ border-color:rgb(255, 221, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 221, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 221, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 221, 108);  
box-shadow:4px 4px 4px 4px rgb(255, 221,  
108) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 58.815, 91.223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 221, 108) }
```

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

```
.background{ background-color: rgb(255,  
221, 108) }
```

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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