

Converting Colors

CIELCh(97, 70.641, 65.491)

Have a look what the booklet for
CIELCh(97, 70.641, 65.491) contains.

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Color

CIELCh(89, 53.224, 90.829)

Conversions

Conversions Part 1

Format	Color
Hex	FEDD78
RGB	254, 221, 120
RGB Percent	100%, 87%, 47%
CMY	0.0040, 0.1331, 0.5290
CMYK	0.00, 0.13, 0.53, 0.00
HSL	45°, 98%, 73%
HSV	45°, 53%, 100%
XYZ	70.1316, 74.1641, 28.4201
YIQ	219.3530, 52.0890, -24.4150

Conversions

Conversions Part 2

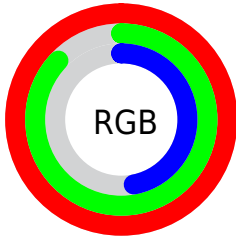
Format	Color
RYB	164, 254, 120
Decimal	16702840
CIELab	89.00, -0.77, 53.22
CIELCh	89, 53.224, 90.829
Yxy	74.1641, 0.4061, 0.4294
Android (android.graphics.Color)	4294892920 (0xFFFEED78)
YUV	219.3530, -48.9810, 30.3854
Hunter-Lab	86.1186, -5.3442, 40.7166

Details

The CIELCh color **89, 53.224, 90.829** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **65, 56.264, 286.975**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 40.585, 107.080**, and **69, 53.079, 90.567** is the 20% darker color. If you saturate the color by 10%, you get **87, 62.723, 89.464**, and if you desaturate by 10%, it is **91, 43.240, 92.165**.

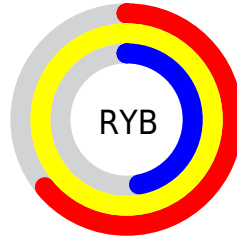
Distribution



Red (100%)

Green (87%)

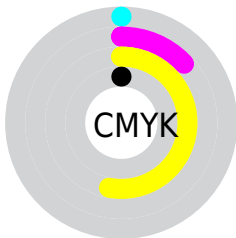
Blue (47%)



Red (64%)

Yellow (100%)

Blue (47%)

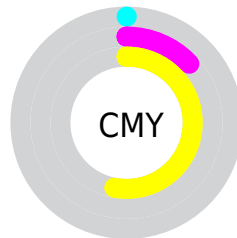


Cyan (0%)

Magenta (13%)

Yellow (53%)

Black (0%)



Cyan (0%)

Magenta (13%)

Yellow (53%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 53.224, 90.829 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, 53.224, 90.829 by changing the saturation by 10% instead.

 89, 53.224, 90.829

 89, 53.224, 90.829

 100, 53.224,
90.829

 79, 53.224, 90.829

 69, 53.224, 90.829

 59, 53.224, 90.829

 49, 53.224, 90.829

 39, 53.224, 90.829

 29, 53.224, 90.829

 19, 53.224, 90.829

 9, 53.224, 90.829

 0, 53.224, 90.829

89, 53.224, 90.829

89, 53.224, 90.829

87, 62.723, 89.464

91, 43.240, 92.165

85, 71.236, 88.040

93, 33.064, 93.469

84, 78.014, 86.507

95, 22.861, 94.739

82, 82.185, 84.771

97, 12.721, 95.970

81, 83.561, 83.345

99, 2.688, 97.103

100, 0.354,
201.255

Harmonies

Complementary

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



89, 53.224, 90.829



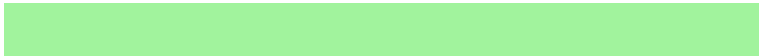
65, 56.264, 286.975

Rectangle

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



89, 53.224, 90.829



89, 53.224, 140.829



89, 53.224, 270.829



89, 53.224, 320.829

Sweetspot

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



89, 53.225, 90.833



97, 16.098, 95.570



67, 54.533, 7.152



51, 10.882, 95.317



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, 53.225, 90.833



87, 63.189, 89.422



95, 66.736, 116.703



52, 5.696, 96.353



63, 67.599, 83.731



21, 29.528, 86.157

Inverse Universe

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



65, 56.264, 286.975



59, 68.562, 289.831



59, 75.859, 304.510



50, 5.742, 278.713



29, 89.508, 300.842



7, 35.827, 296.046

Previews

White Background



This preview shows how the CIELCh color 89, 53.224, 90.829 looks on a white background.

Color Contrast Check

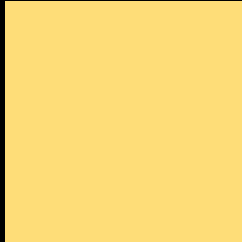
Large Text (above 18pt) WCAG AA × Fail

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, 53.224, 90.829 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, 53.224, 90.829

Background



This preview shows how black text looks on a background with the CIELCh color 89, 53.224, 90.829.

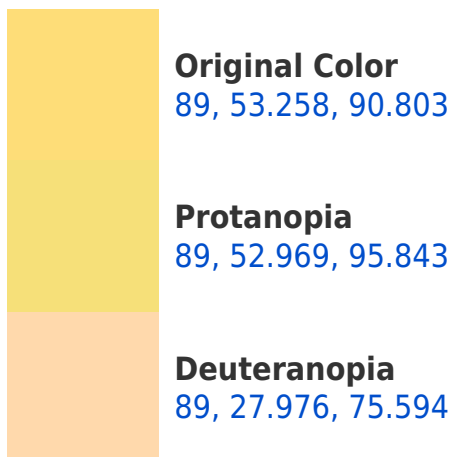


This preview shows how white text looks on a background with the CIELCh color 89, 53.224, 90.829.

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](#).

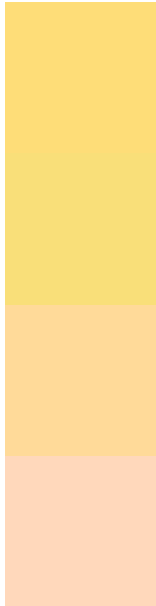
Dichromacy





Tritanopia
89, 16.538, 358.593

Trichromacy



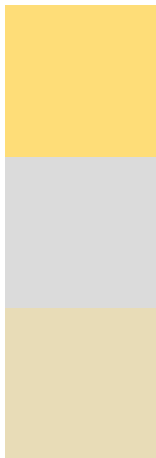
Original Color
89, 53.258, 90.803

Protanomaly
89, 52.890, 93.995

Deuteranomaly
89, 36.995, 83.362

Tritanomaly
89, 21.507, 64.124

Monochromacy



Original Color
89, 53.258, 90.803

Achromatopsia
87, 0.010, 296.813

Achromatomaly
88, 19.758, 95.022

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 53.224, 90.829 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(254, 221, 120)` looks like.

```
.text, #text, p{  
    color:rgb(254, 221, 120)  
}
```

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(254, 221, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 221, 120) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 53.224, 90.829 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(254, 221, 120) }
```

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

```
.border{ border-color:rgb(254, 221, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 221, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 221, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 221, 120);  
box-shadow:4px 4px 4px 4px rgb(254, 221,  
120) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 53.224, 90.829 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 221, 120) }
```

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

```
.background{ background-color: rgb(254,  
221, 120) }
```

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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