

Converting Colors

CIELCh(95, 62.556, 74.573)

Have a look what the booklet for
CIELCh(95, 62.556, 74.573) contains.

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Color

CIELCh(90, 53.559, 92.814)

Conversions

Conversions Part 1

Format	Color
Hex	FEE17A
RGB	254, 225, 122
RGB Percent	100%, 88%, 48%
CMY	0.0042, 0.1177, 0.5214
CMYK	0.00, 0.11, 0.52, 0.00
HSL	47°, 98%, 74%
HSV	47°, 52%, 100%
XYZ	71.2791, 76.3034, 29.3971
YIQ	221.9290, 50.3470, -25.8850

Conversions

Conversions Part 2

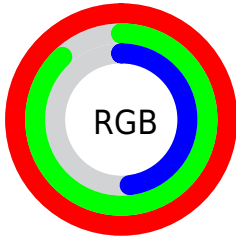
Format	Color
RYB	159, 254, 122
Decimal	16703866
CIELab	90.00, -2.63, 53.49
CIELCh	90, 53.559, 92.814
Yxy	76.3034, 0.4028, 0.4311
Android (android.graphics.Color)	4294893946 (0xFFFE17A)
YUV	221.9290, -49.2650, 28.1263
Hunter-Lab	87.3518, -7.2095, 41.1930

Details

The CIELCh color **90, 53.559, 92.814** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **64, 57.351, 288.315**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 39.607, 107.155**, and **70, 53.397, 92.713** is the 20% darker color. If you saturate the color by 10%, you get **88, 63.168, 91.507**, and if you desaturate by 10%, it is **92, 43.428, 94.105**.

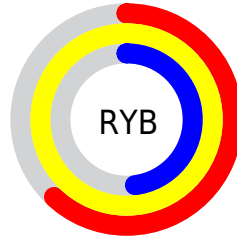
Distribution



Red (100%)

Green (88%)

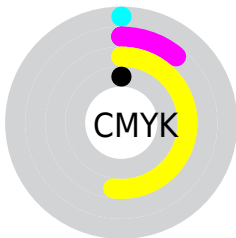
Blue (48%)



Red (62%)

Yellow (100%)

Blue (48%)

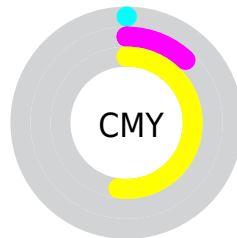


Cyan (0%)

Magenta (11%)

Yellow (52%)

Black (0%)



Cyan (0%)

Magenta (12%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 53.559, 92.814 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, 53.559, 92.814 by changing the saturation by 10% instead.

 90, 53.559, 92.814

 90, 53.559, 92.814

 100, 53.559,
92.814

 80, 53.559, 92.814

 70, 53.559, 92.814

 60, 53.559, 92.814

 50, 53.559, 92.814

 40, 53.559, 92.814

 30, 53.559, 92.814

 20, 53.559, 92.814

 10, 53.559, 92.814

 0, 53.559, 92.814

■ 90, 53.559, 92.814

■ 90, 53.559, 92.814

■ 88, 63.168, 91.507

■ 92, 43.428, 94.105

■ 87, 71.759, 90.161

■ 94, 33.068, 95.371

■ 85, 78.604, 88.745

■ 95, 22.650, 96.608

■ 84, 82.862, 87.189

■ 97, 12.268, 97.809

■ 83, 84.340, 85.792

■ 99, 1.970, 98.893

100, 0.376,
201.143

Harmonies

Complementary

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



90, 53.559, 92.814



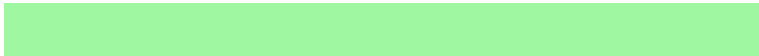
64, 57.351, 288.315

Rectangle

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



90, 53.559, 92.814



90, 53.559, 142.814



90, 53.559, 272.814



90, 53.559, 322.814

Sweetspot

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



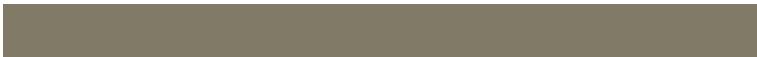
90, 53.560, 92.817



97, 16.537, 97.326



67, 53.643, 8.236



51, 11.175, 97.079



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, 53.560, 92.817



89, 63.444, 91.496



95, 66.027, 117.462



52, 5.856, 98.093



64, 68.252, 86.127



21, 30.059, 88.352

Inverse Universe

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



64, 57.351, 288.315



58, 69.873, 291.020



60, 74.675, 304.889



50, 5.916, 280.402



28, 92.442, 301.845



6, 36.914, 297.003

Previews

White Background



This preview shows how the CIELCh color 90, 53.559, 92.814 looks on a white background.

Color Contrast Check

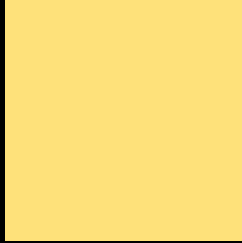
Large Text (above 18pt) WCAG AA × Fail

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, 53.559, 92.814 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, 53.559, 92.814

Background



This preview shows how black text looks on a background with the CIELCh color 90, 53.559, 92.814.



This preview shows how white text looks on a background with the CIELCh color 90, 53.559, 92.814.

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, 53.592, 92.789

Protanopia

90, 53.341, 95.953

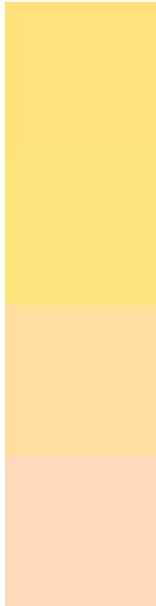
Deuteranopia

90, 25.189, 76.459



Tritanopia
90, 15.672, 355.171

Trichromacy



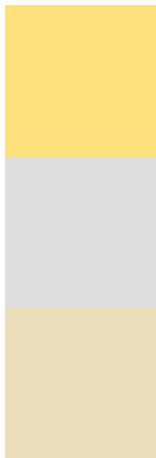
Original Color
90, 53.592, 92.789

Protanomaly
90, 53.165, 94.563

Deuteranomaly
90, 35.235, 85.306

Tritanomaly
90, 20.603, 66.429

Monochromacy



Original Color
90, 53.592, 92.789

Achromatopsia
88, 0.011, 296.813

Achromatomaly
89, 19.620, 96.151

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 53.559, 92.814 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, 225, 122)` looks like.

```
.text, #text, p{  
    color:rgb(254, 225, 122)  
}
```

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, 225, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 225, 122) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 53.559, 92.814 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, 225, 122) }
```

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

```
.border{ border-color:rgb(254, 225, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 225, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 225, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 225, 122);  
box-shadow:4px 4px 4px 4px rgb(254, 225,  
122) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 53.559, 92.814 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 225, 122) }
```

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

```
.background{ background-color: rgb(254,  
225, 122) }
```

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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