

Converting Colors

CIELCh(92, 51.365, 84.468)

Have a look what the booklet for
CIELCh(92, 51.365, 84.468) contains.

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Color

CIELCh(90, 48.885, 92.070)

Conversions

Conversions Part 1

Format	Color
Hex	FEE184
RGB	254, 225, 132
RGB Percent	100%, 88%, 52%
CMY	0.0056, 0.1190, 0.4834
CMYK	0.00, 0.11, 0.48, 0.01
HSL	46°, 98%, 76%
HSV	46°, 48%, 99%
XYZ	71.6865, 76.3034, 32.6788
YIQ	223.0690, 47.1370, -22.7750

Conversions

Conversions Part 2

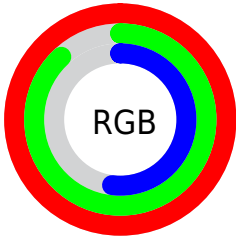
Format	Color
R _Y B	170, 254, 132
Decimal	16703876
CIE Lab	90.00, -1.77, 48.85
CIE LCh	90, 48.885, 92.070
Yxy	76.3034, 0.3968, 0.4223
Android (android.graphics.Color)	4294893956 (0xFFFE184)
YUV	223.0690, -44.8970, 27.1265
Hunter-Lab	87.3518, -6.3771, 38.9656

Details

The CIELCh color **90, 48.885, 92.070** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **68, 51.443, 286.319**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 34.195, 107.573**, and **70, 48.876, 92.156** is the 20% darker color. If you saturate the color by 10%, you get **88, 58.672, 90.739**, and if you desaturate by 10%, it is **92, 38.751, 93.380**.

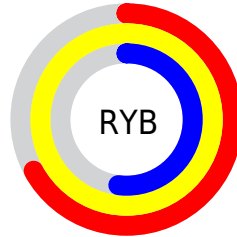
Distribution



Red (100%)

Green (88%)

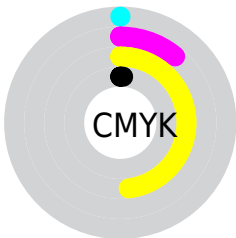
Blue (52%)



Red (67%)

Yellow (100%)

Blue (52%)

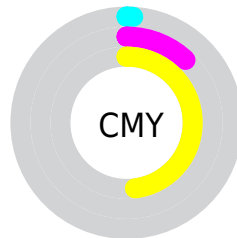


Cyan (0%)

Magenta (11%)

Yellow (48%)

Black (1%)



Cyan (1%)

Magenta (12%)

Yellow (48%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 48.885, 92.070 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, 48.885, 92.070 by changing the saturation by 10% instead.

 90, 48.885, 92.070


 90, 48.885, 92.070


 100, 48.885,
92.070

 80, 48.885, 92.070


 70, 48.885, 92.070


 60, 48.885, 92.070

 50, 48.885, 92.070

 40, 48.885, 92.070

 30, 48.885, 92.070

 20, 48.885, 92.070

 10, 48.885, 92.070

 0, 48.885, 92.070

90, 48.885, 92.070

90, 48.885, 92.070

88, 58.672, 90.739

92, 38.751, 93.380

86, 67.713, 89.365

94, 28.499, 94.658

85, 75.373, 87.921

96, 18.257, 95.903

83, 80.807, 86.338

98, 8.093, 97.099

82, 83.367, 84.518

100, 0.431,
219.376

81, 83.695, 84.149

100, 0.500,
200.698

Harmonies

Complementary

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



90, 48.885, 92.070



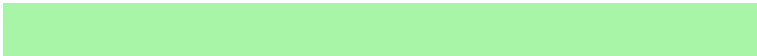
68, 51.443, 286.319

Rectangle

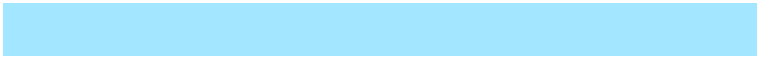
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



90, 48.885, 92.070



90, 48.885, 142.070



90, 48.885, 272.070



90, 48.885, 322.070

Sweetspot

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



90, 48.886, 92.074



97, 14.193, 96.394



69, 49.609, 6.106



51, 9.810, 96.133



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, 48.886, 92.074



89, 58.892, 90.744



95, 61.240, 116.935



52, 5.747, 96.930



63, 67.796, 84.517



21, 29.696, 86.881

Inverse Universe

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



68, 51.443, 286.319



61, 63.368, 288.902



63, 68.627, 304.002



50, 5.798, 279.273



29, 90.481, 301.181



6, 36.190, 296.374

Previews

White Background



This preview shows how the CIELCh color 90, 48.885, 92.070 looks on a white background.

Color Contrast Check

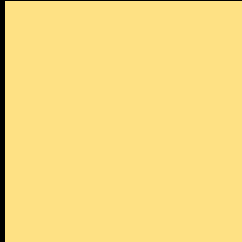
Large Text (above 18pt) WCAG AA × Fail

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, 48.885, 92.070 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, 48.885, 92.070

Background



This preview shows how black text looks on a background with the CIELCh color 90, 48.885, 92.070.



This preview shows how white text looks on a background with the CIELCh color 90, 48.885, 92.070.

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, 48.918, 92.046

Protanopia

90, 49.027, 96.012

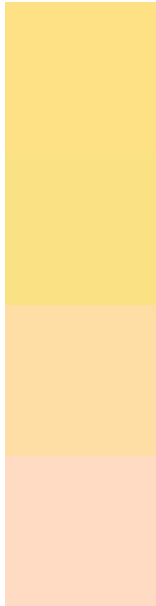
Deuteranopia

90, 24.296, 75.328



Tritanopia
90, 15.672, 355.171

Trichromacy



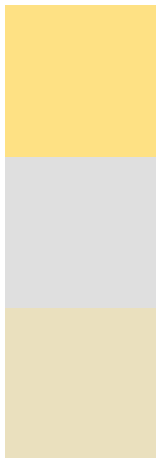
Original Color
90, 48.918, 92.046

Protanomaly
90, 48.844, 94.507

Deuteranomaly
90, 32.687, 84.619

Tritanomaly
90, 18.769, 63.351

Monochromacy



Original Color
90, 48.918, 92.046

Achromatopsia
89, 0.011, 296.813

Achromatomaly
89, 18.005, 96.484

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 48.885, 92.070 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, 132)` looks like.

```
.text, #text, p{  
    color:rgb(254, 225, 132)  
}
```

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, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 225, 132) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 48.885, 92.070 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, 132) }
```

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

```
.border{ border-color:rgb(254, 225, 132) }
```

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, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 225, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 225, 132);  
box-shadow:4px 4px 4px 4px rgb(254, 225,  
132) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 48.885, 92.070 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, 132) }
```

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

```
.background{ background-color: rgb(254,  
225, 132) }
```

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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