

Converting Colors

CIELCh(92, 59.495, 74.582)

Have a look what the booklet for
CIELCh(92, 59.495, 74.582) contains.

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Color

CIELCh(88, 52.042, 88.610)

Conversions

Conversions Part 1

Format	Color
Hex	FED978
RGB	254, 217, 120
RGB Percent	100%, 85%, 47%
CMY	0.0041, 0.1489, 0.5291
CMYK	0.00, 0.15, 0.53, 0.00
HSL	43°, 98%, 73%
HSV	43°, 53%, 100%
XYZ	69.0762, 72.0653, 28.0665
YIQ	217.0050, 53.1890, -22.3230

Conversions

Conversions Part 2

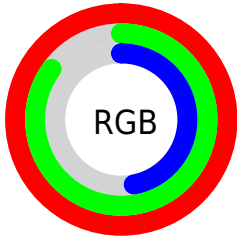
Format	Color
RYB	171, 254, 120
Decimal	16701816
CIELab	88.00, 1.26, 52.03
CIElCh	88, 52.042, 88.610
Yxy	72.0653, 0.4082, 0.4259
Android (android.graphics.Color)	4294891896 (0xFF FED978)
YUV	217.0050, -47.8235, 32.4446
Hunter-Lab	84.8913, -3.3139, 39.8216

Details

The CIELCh color **88, 52.042, 88.610** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **66, 54.029, 285.129**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 40.585, 107.080**, and **68, 51.975, 88.218** is the 20% darker color. If you saturate the color by 10%, you get **86, 61.498, 87.191**, and if you desaturate by 10%, it is **90, 42.179, 89.990**.

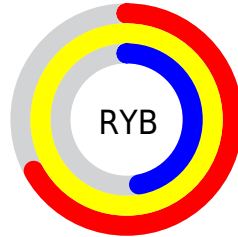
Distribution



Red (100%)

Green (85%)

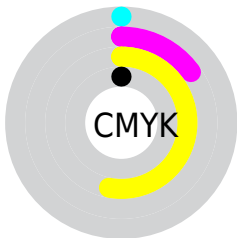
Blue (47%)



Red (67%)

Yellow (100%)

Blue (47%)

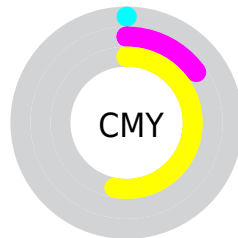


Cyan (0%)

Magenta (15%)

Yellow (53%)

Black (0%)



Cyan (0%)

Magenta (15%)

Yellow (53%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 52.042, 88.610 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 88, 52.042, 88.610 by changing the saturation by 10% instead.

 88, 52.042, 88.610

 88, 52.042, 88.610

 100, 52.042,
88.610

 78, 52.042, 88.610

 68, 52.042, 88.610

 58, 52.042, 88.610

 48, 52.042, 88.610

 38, 52.042, 88.610

 28, 52.042, 88.610

 18, 52.042, 88.610

 8, 52.042, 88.610

 0, 52.042, 88.610

88, 52.042, 88.610

88, 52.042, 88.610

86, 61.498, 87.191

90, 42.179, 89.990

84, 70.063, 85.690

92, 32.185, 91.329

82, 76.986, 84.045

94, 22.214, 92.631

80, 81.356, 82.136

97, 12.341, 93.889

79, 82.881, 80.539

99, 2.605, 95.040

100, 0.361,
201.220

Harmonies

Complementary

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



88, 52.042, 88.610



66, 54.029, 285.129

Rectangle

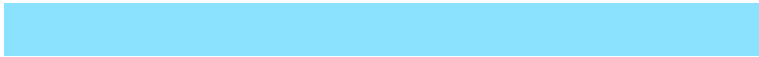
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88, 52.042, 88.610



88, 52.042, 138.610



88, 52.042, 268.610



88, 52.042, 318.610

Sweetspot

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



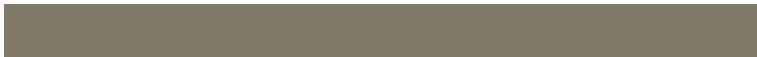
88, 52.043, 88.614



96, 15.624, 93.481



67, 54.767, 4.634



51, 10.565, 93.223



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



88, 52.043, 88.614



86, 61.963, 87.147



95, 66.374, 115.236



52, 5.522, 94.280



61, 67.035, 80.980



20, 28.981, 83.587

Inverse Universe

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



66, 54.029, 285.129



60, 65.737, 288.055



59, 75.832, 303.600



50, 5.553, 276.696



30, 86.038, 299.577



7, 34.507, 294.772

Previews

White Background



This preview shows how the CIELCh color 88, 52.042, 88.610 looks on a white background.

Color Contrast Check

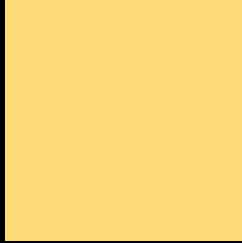
Large Text (above 18pt) WCAG AA × Fail

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 88, 52.042, 88.610 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 88, 52.042, 88.610

Background



This preview shows how black text looks on a background with the CIELCh color 88, 52.042, 88.610.



This preview shows how white text looks on a background with the CIELCh color 88, 52.042, 88.610.

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
88, 52.078, 88.582

Protanopia
88, 51.660, 95.645

Deuteranopia
88, 31.440, 76.309



Tritanopia
88, 17.985, 0.553

Trichromacy



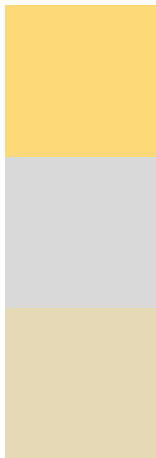
Original Color
88, 52.078, 88.582

Protanomaly
88, 51.689, 93.294

Deuteranomaly
88, 39.057, 82.366

Tritanomaly
88, 22.410, 60.425

Monochromacy



Original Color
88, 52.078, 88.582

Achromatopsia
87, 0.010, 296.813

Achromatomaly
87, 18.899, 93.239

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 52.042, 88.610 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, 217, 120)` looks like.

```
.text, #text, p{  
    color:rgb(254, 217, 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, 217, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 217, 120) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 52.042, 88.610 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, 217, 120) }
```

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

```
.border{ border-color:rgb(254, 217, 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, 217, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 217, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 217, 120);  
box-shadow:4px 4px 4px 4px rgb(254, 217,  
120) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 52.042, 88.610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 217, 120) }
```

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

```
.background{ background-color: rgb(254,  
217, 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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