

Converting Colors

CIELCh(91, 54.022, 74.641)

Have a look what the booklet for
CIELCh(91, 54.022, 74.641) contains.

CIELCh(88, 48.042, 87.075)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(88, 48.042, 87.075)

Conversions

Conversions Part 1

Format	Color
Hex	FED880
RGB	254, 216, 128
RGB Percent	100%, 85%, 50%
CMY	0.0023, 0.1511, 0.4961
CMYK	0.00, 0.15, 0.49, 0.00
HSL	42°, 99%, 75%
HSV	42°, 49%, 100%
XYZ	69.6258, 72.0653, 30.8298
YIQ	217.3300, 50.8960, -19.3120

Conversions

Conversions Part 2

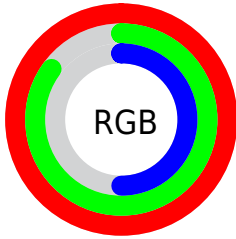
Format	Color
R _Y B	182, 254, 128
Decimal	16701568
CIE Lab	88.00, 2.45, 47.98
CIE LCh	88, 48.042, 87.075
Yxy	72.0653, 0.4036, 0.4177
Android (android.graphics.Color)	4294891648 (0xFF FED880)
YUV	217.3300, -44.0397, 32.1596
Hunter-Lab	84.8913, -2.1583, 37.8916

Details

The CIELCh color **88, 48.042, 87.075** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **69, 48.861, 282.583**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 36.662, 107.383**, and **68, 48.103, 86.798** is the 20% darker color. If you saturate the color by 10%, you get **86, 57.641, 85.637**, and if you desaturate by 10%, it is **90, 38.208, 88.472**.

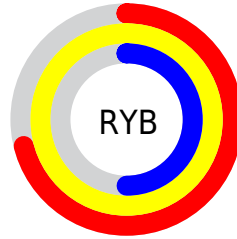
Distribution



Red (100%)

Green (85%)

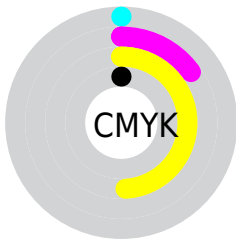
Blue (50%)



Red (71%)

Yellow (100%)

Blue (50%)

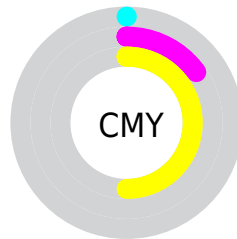


Cyan (0%)

Magenta (15%)

Yellow (49%)

Black (0%)



Cyan (0%)

Magenta (15%)

Yellow (50%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 48.042, 87.075 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, 48.042, 87.075 by changing the saturation by 10% instead.

 88, 48.042, 87.075

 88, 48.042, 87.075

 100, 48.042,
87.075

 78, 48.042, 87.075

 68, 48.042, 87.075

 58, 48.042, 87.075

 48, 48.042, 87.075

 38, 48.042, 87.075

 28, 48.042, 87.075

 18, 48.042, 87.075

 8, 48.042, 87.075

 0, 48.042, 87.075

88, 48.042, 87.075

88, 48.042, 87.075

86, 57.641, 85.637

90, 38.208, 88.472

84, 66.610, 84.117

93, 28.352, 89.825

82, 74.292, 82.456

95, 18.589, 91.137

80, 79.774, 80.530

97, 8.970, 92.396

78, 82.491, 78.213

100, 0.173,
240.014

78, 82.603, 78.093

100, 0.203,
202.662

Harmonies

Complementary

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



88, 48.042, 87.075



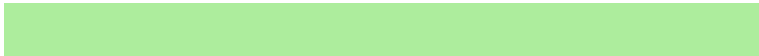
69, 48.861, 282.583

Rectangle

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



88, 48.042, 87.075



88, 48.042, 137.075



88, 48.042, 267.075



88, 48.042, 317.075

Sweetspot

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



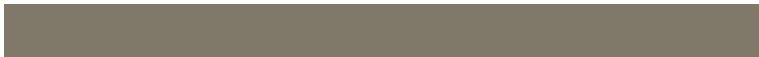
88, 48.043, 87.079



96, 14.270, 91.711



69, 51.925, 1.464



51, 9.754, 91.443



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, 48.043, 87.079



86, 57.281, 85.709



96, 62.488, 113.924



52, 5.380, 92.395



60, 66.699, 78.583



20, 28.558, 81.295

Inverse Universe

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



69, 48.861, 282.583



63, 59.030, 285.215



61, 70.944, 302.285



50, 5.396, 274.856



31, 82.945, 298.368



8, 33.292, 293.476

Previews

White Background



This preview shows how the CIELCh color 88, 48.042, 87.075 looks on a white background.

Color Contrast Check

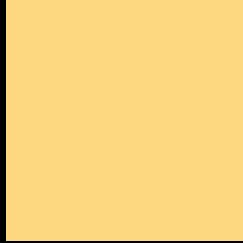
Large Text (above 18pt) WCAG AA × Fail

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, 48.042, 87.075 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, 48.042, 87.075

Background



This preview shows how black text looks on a background with the CIELCh color 88, 48.042, 87.075.



This preview shows how white text looks on a background with the CIELCh color 88, 48.042, 87.075.

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, 48.079, 87.049

Protanopia

88, 47.309, 95.667

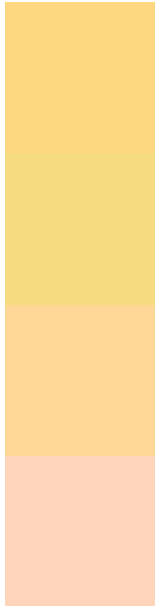
Deuteranopia

88, 30.989, 75.886



Tritanopia
88, 17.985, 0.553

Trichromacy



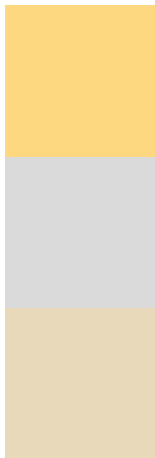
Original Color
88, 48.079, 87.049

Protanomaly
88, 47.587, 92.119

Deuteranomaly
88, 37.186, 81.332

Tritanomaly
88, 21.340, 57.525

Monochromacy



Original Color
88, 48.079, 87.049

Achromatopsia
87, 0.010, 296.813

Achromatomaly
87, 17.511, 90.871

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 48.042, 87.075 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, 216, 128)` looks like.

```
.text, #text, p{  
    color:rgb(254, 216, 128)  
}
```

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, 216, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 216, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 48.042, 87.075 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, 216, 128) }
```

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

```
.border{ border-color:rgb(254, 216, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 216, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(254, 216, 128); -webkit-box-shadow:4px 4px 4px 4px rgb(254, 216, 128); box-shadow:4px 4px 4px 4px rgb(254, 216, 128) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 48.042, 87.075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 216, 128) }
```

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

```
.background{ background-color: rgb(254,  
216, 128) }
```

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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