

Converting Colors

CIELCh(100, 76.285, 52.901)

Have a look what the booklet for
CIELCh(100, 76.285, 52.901)
contains.

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Color

CIELCh(88, 43.814, 85.713)

Conversions

Conversions Part 1

Format	Color
Hex	FED889
RGB	254, 216, 137
RGB Percent	100%, 85%, 54%
CMY	0.0037, 0.1525, 0.4621
CMYK	0.00, 0.15, 0.46, 0.00
HSL	41°, 98%, 77%
HSV	41°, 46%, 100%
XYZ	70.0082, 72.0653, 33.9493
YIQ	218.3560, 48.0070, -16.5130

Conversions

Conversions Part 2

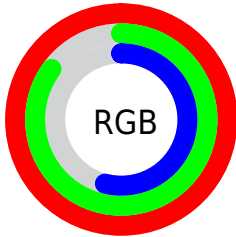
Format	Color
R _Y B	193, 254, 137
Decimal	16701577
CIE Lab	88.00, 3.28, 43.69
CIE LCh	88, 43.814, 85.713
Yxy	72.0653, 0.3977, 0.4094
Android (android.graphics.Color)	4294891657 (0xFF FED889)
YUV	218.3560, -40.1085, 31.2598
Hunter-Lab	84.8913, -1.3542, 35.7129

Details

The CIELCh color **88, 43.814, 85.713** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **72, 43.803, 280.045**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 32.214, 107.726**, and **68, 43.880, 85.600** is the 20% darker color. If you saturate the color by 10%, you get **86, 53.470, 84.271**, and if you desaturate by 10%, it is **90, 34.069, 87.116**.

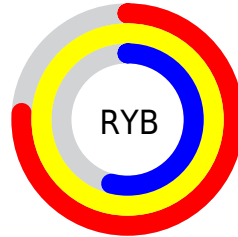
Distribution



Red (100%)

Green (85%)

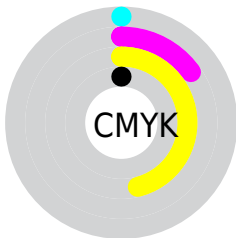
Blue (54%)



Red (76%)

Yellow (100%)

Blue (54%)

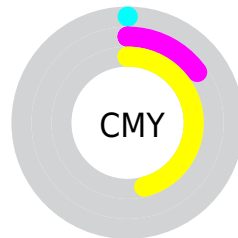


Cyan (0%)

Magenta (15%)

Yellow (46%)

Black (0%)



Cyan (0%)

Magenta (15%)

Yellow (46%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 43.814, 85.713 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, 43.814, 85.713 by changing the saturation by 10% instead.

 88, 43.814, 85.713

 88, 43.814, 85.713

 100, 43.814,
85.713

 78, 43.814, 85.713

 68, 43.814, 85.713

 58, 43.814, 85.713

 48, 43.814, 85.713

 38, 43.814, 85.713

 28, 43.814, 85.713

 18, 43.814, 85.713

 8, 43.814, 85.713

 0, 43.814, 85.713

88, 43.814, 85.713

88, 43.814, 85.713

86, 53.470, 84.271

90, 34.069, 87.116

83, 62.727, 82.752

93, 24.392, 88.472

81, 71.044, 81.104

95, 14.863, 89.784

79, 77.578, 79.213

98, 5.516, 91.028

77, 81.380, 76.894

100, 0.327,
201.414

76, 82.317, 75.873

Harmonies

Complementary

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



88, 43.814, 85.713



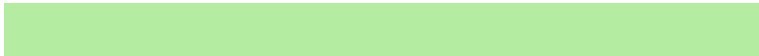
72, 43.803, 280.045

Rectangle

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



88, 43.814, 85.713



88, 43.814, 135.713



88, 43.814, 265.713



88, 43.814, 315.713

Sweetspot

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



88, 43.815, 85.717



96, 13.009, 90.041



71, 48.480, 359.573



51, 9.002, 89.765



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, 43.815, 85.717



86, 52.664, 84.418



96, 58.226, 113.394



52, 5.257, 90.606



59, 66.515, 76.401



19, 28.215, 79.163

Inverse Universe

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



72, 43.803, 280.045



67, 53.000, 282.451



64, 65.464, 301.356



50, 5.260, 273.103



32, 80.086, 297.172



8, 32.133, 292.113

Previews

White Background



This preview shows how the CIELCh color 88, 43.814, 85.713 looks on a white background.

Color Contrast Check

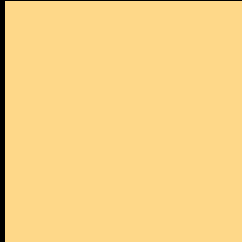
Large Text (above 18pt) WCAG AA × Fail

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, 43.814, 85.713 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, 43.814, 85.713

Background



This preview shows how black text looks on a background with the CIELCh color 88, 43.814, 85.713.



This preview shows how white text looks on a background with the CIELCh color 88, 43.814, 85.713.

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, 43.850, 85.689

Protanopia

88, 42.875, 95.605

Deuteranopia

88, 30.092, 74.997



Tritanopia
88, 18.146, 358.997

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 43.814, 85.713 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, 137)` looks like.

```
.text, #text, p{  
    color:rgb(254, 216, 137)  
}
```

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, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 216, 137) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 43.814, 85.713 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, 137) }
```

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

```
.border{ border-color:rgb(254, 216, 137) }
```

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, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 216, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 216, 137);  
box-shadow:4px 4px 4px 4px rgb(254, 216,  
137) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 43.814, 85.713 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, 137) }
```

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

```
.background{ background-color: rgb(254,  
216, 137) }
```

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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