

Converting Colors

CIELCh(88, 42.685, 85.136)

Have a look what the booklet for
CIELCh(88, 42.685, 85.136) contains.

CIELCh(88, 42.907, 85.338)	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, 42.907, 85.338)

Conversions

Conversions Part 1

Format	Color
Hex	FED88B
RGB	254, 216, 139
RGB Percent	100%, 85%, 55%
CMY	0.0038, 0.1528, 0.4548
CMYK	0.00, 0.15, 0.45, 0.00
HSL	40°, 98%, 77%
HSV	40°, 45%, 100%
XYZ	70.1069, 72.0653, 34.6498
YIQ	218.5840, 47.3650, -15.8910

Conversions

Conversions Part 2

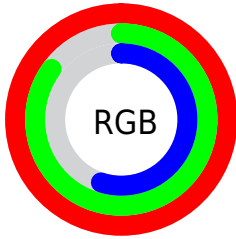
Format	Color
R _Y B	196, 254, 139
Decimal	16701579
CIE Lab	88.00, 3.49, 42.77
CIE LCh	88, 42.907, 85.338
Yxy	72.0653, 0.3965, 0.4076
Android (android.graphics.Color)	4294891659 (0xFF FED88B)
YUV	218.5840, -39.2349, 31.0598
Hunter-Lab	84.8913, -1.1466, 35.2237

Details

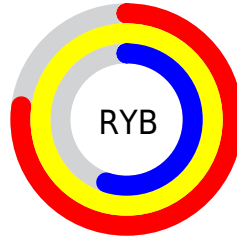
The CIELCh color **88, 42.907, 85.338** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **72, 42.728, 279.427**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 31.221, 107.803**, and **68, 42.924, 85.284** is the 20% darker color. If you saturate the color by 10%, you get **86, 52.565, 83.895**, and if you desaturate by 10%, it is **90, 33.189, 86.742**.

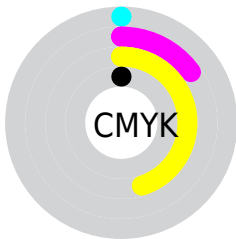
Distribution



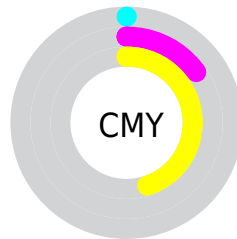
- Red (100%)
- Green (85%)
- Blue (55%)



- Red (77%)
- Yellow (100%)
- Blue (55%)



- Cyan (0%)
- Magenta (15%)
- Yellow (45%)
- Black (0%)



- Cyan (0%)
- Magenta (15%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 42.907, 85.338 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, 42.907, 85.338 by changing the saturation by 10% instead.

 88, 42.907, 85.338

 88, 42.907, 85.338

 100, 42.907,
85.338

 78, 42.907, 85.338

 68, 42.907, 85.338

 58, 42.907, 85.338

 48, 42.907, 85.338

 38, 42.907, 85.338

 28, 42.907, 85.338

 18, 42.907, 85.338

 8, 42.907, 85.338

 0, 42.907, 85.338

88, 42.907, 85.338

88, 42.907, 85.338

86, 52.565, 83.895

90, 33.189, 86.742

83, 61.872, 82.377

93, 23.558, 88.099

81, 70.309, 80.732

96, 14.087, 89.411

79, 77.055, 78.848

98, 4.804, 90.647

77, 81.142, 76.539

100, 0.338,
201.344

76, 82.282, 75.310

Harmonies

Complementary

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



88, 42.907, 85.338



72, 42.728, 279.427

Rectangle

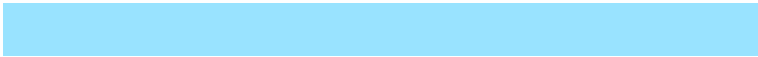
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88, 42.907, 85.338



88, 42.907, 135.338



88, 42.907, 265.338



88, 42.907, 315.338

Sweetspot

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



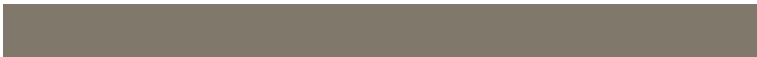
88, 42.908, 85.342



96, 12.936, 89.573



71, 47.700, 359.436



51, 8.952, 89.296



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, 42.908, 85.342



86, 51.508, 84.081



96, 57.347, 113.442



52, 5.226, 90.139



59, 66.486, 75.847



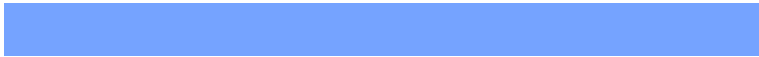
19, 28.134, 78.614

Inverse Universe

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



72, 42.728, 279.427



67, 51.555, 281.742



64, 64.322, 301.258



50, 5.226, 272.646



33, 79.355, 296.853



8, 31.834, 291.742

Previews

White Background



This preview shows how the CIELCh color 88, 42.907, 85.338 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, 42.907, 85.338 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, 42.907, 85.338

Background



This preview shows how black text looks on a background with the CIELCh color 88, 42.907, 85.338.



This preview shows how white text looks on a background with the CIELCh color 88, 42.907, 85.338.

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, 42.907, 85.338

Protanopia

88, 41.814, 96.006

Deuteranopia

88, 29.647, 74.531



Tritanopia
88, 18.146, 358.997

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 42.907, 85.338 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, 139)` looks like.

```
.text, #text, p{  
    color:rgb(254, 216, 139)  
}
```

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, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 216, 139) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 42.907, 85.338 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, 139) }
```

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

```
.border{ border-color:rgb(254, 216, 139) }
```

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, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 216, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 216, 139);  
box-shadow:4px 4px 4px 4px rgb(254, 216,  
139) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 42.907, 85.338 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, 139) }
```

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

```
.background{ background-color: rgb(254,  
216, 139) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor