

Converting Colors

CIELCh(100, 72.586, 49.052)

Have a look what the booklet for
CIELCh(100, 72.586, 49.052)
contains.

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Color

CIELCh(88, 37.898, 82.441)

Conversions

Conversions Part 1

Format	Color
Hex	FED795
RGB	254, 215, 149
RGB Percent	100%, 84%, 58%
CMY	0.0029, 0.1556, 0.4143
CMYK	0.00, 0.15, 0.41, 0.00
HSL	38°, 99%, 79%
HSV	38°, 41%, 100%
XYZ	70.8067, 72.0653, 38.7581
YIQ	219.1370, 44.4300, -12.2580

Conversions

Conversions Part 2

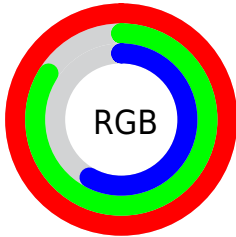
Format	Color
R _Y B	211, 254, 149
Decimal	16701333
CIE _{Lab}	88.00, 4.99, 37.57
CIE _{LCh}	88, 37.898, 82.441
Yxy	72.0653, 0.3898, 0.3968
Android (android.graphics.Color)	4294891413 (0xFFFE795)
YUV	219.1370, -34.5775, 30.5749
Hunter-Lab	84.8913, 0.3247, 32.3543

Details

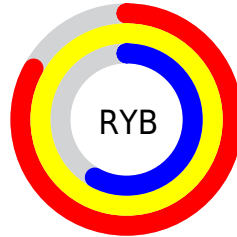
The CIELCh color **88, 37.898, 82.441** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **76, 36.814, 275.224**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 25.735, 108.225**, and **68, 38.032, 81.888** is the 20% darker color. If you saturate the color by 10%, you get **85, 47.514, 81.002**, and if you desaturate by 10%, it is **91, 28.380, 83.845**.

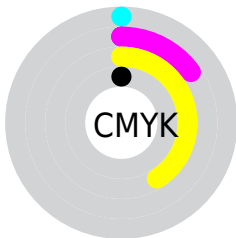
Distribution



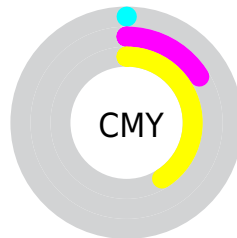
- Red (100%)
- Green (84%)
- Blue (58%)



- Red (83%)
- Yellow (100%)
- Blue (58%)



- Cyan (0%)
- Magenta (15%)
- Yellow (41%)
- Black (0%)



- Cyan (0%)
- Magenta (16%)
- Yellow (41%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 37.898, 82.441 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, 37.898, 82.441 by changing the saturation by 10% instead.

 88, 37.898, 82.441

 88, 37.898, 82.441

 100, 37.898,
82.441

 78, 37.898, 82.441

 68, 37.898, 82.441

 58, 37.898, 82.441

 48, 37.898, 82.441

 38, 37.898, 82.441

 28, 37.898, 82.441

 18, 37.898, 82.441

 8, 37.898, 82.441

 0, 37.898, 82.441

88, 37.898, 82.441

88, 37.898, 82.441

85, 47.514, 81.002

91, 28.380, 83.845

83, 57.028, 79.494

94, 19.054, 85.201

80, 66.052, 77.875

96, 9.956, 86.508

78, 73.904, 76.038

99, 1.093, 87.523

76, 79.592, 73.793

100, 0.252,
202.017

74, 82.415, 71.390

Harmonies

Complementary

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



88, 37.898, 82.441



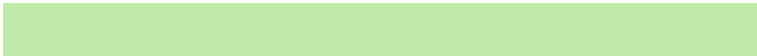
76, 36.814, 275.224

Rectangle

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



88, 37.898, 82.441



88, 37.898, 132.441



88, 37.898, 262.441



88, 37.898, 312.441

Sweetspot

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



88, 37.899, 82.446



96, 10.642, 86.414



74, 44.330, 355.272



51, 7.072, 86.246



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, 37.899, 82.446



86, 46.407, 81.186



97, 52.339, 111.486



52, 5.024, 86.729



57, 66.491, 71.990



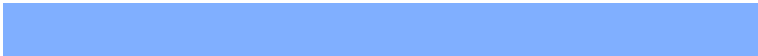
18, 27.645, 74.698

Inverse Universe

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



76, 36.814, 275.224



71, 44.940, 277.465



67, 58.168, 299.244



50, 5.001, 269.287



35, 74.207, 294.436



9, 29.772, 288.966

Previews

White Background



This preview shows how the CIELCh color 88, 37.898, 82.441 looks on a white background.

Color Contrast Check

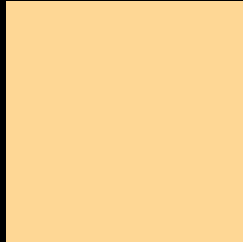
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 88, 37.898, 82.441 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, 37.898, 82.441

Background



This preview shows how black text looks on a background with the CIELCh color 88, 37.898, 82.441.



This preview shows how white text looks on a background with the CIELCh color 88, 37.898, 82.441.

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](#).

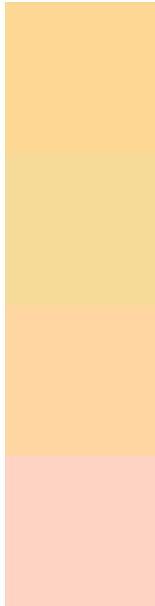
Dichromacy





Tritanopia
88, 18.146, 358.997

Trichromacy



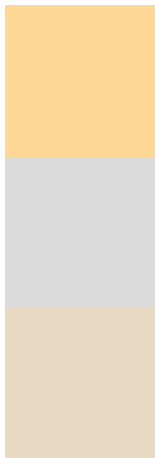
Original Color
88, 37.932, 82.419

Protanomaly
88, 36.729, 90.526

Deuteranomaly
88, 31.892, 76.718

Tritanomaly
88, 18.676, 44.986

Monochromacy



Original Color
88, 37.932, 82.419

Achromatopsia
87, 0.010, 296.813

Achromatomaly
88, 13.569, 86.102

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 37.898, 82.441 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, 215, 149)` looks like.

```
.text, #text, p{  
    color:rgb(254, 215, 149)  
}
```

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, 215, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 215, 149) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 37.898, 82.441 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, 215, 149) }
```

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

```
.border{ border-color:rgb(254, 215, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 215, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 215, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 215, 149);  
box-shadow:4px 4px 4px 4px rgb(254, 215,  
149) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 37.898, 82.441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 215, 149) }
```

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

```
.background{ background-color: rgb(254,  
215, 149) }
```

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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