

Converting Colors

CIELCh(88, 35.891, 80.074)

Have a look what the booklet for
CIELCh(88, 35.891, 80.074) contains.

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Color

CIELCh(88, 35.787, 80.471)

Conversions

Conversions Part 1

Format	Color
Hex	FFD79A
RGB	255, 215, 154
RGB Percent	100%, 84%, 60%
CMY	0.0007, 0.1575, 0.3967
CMYK	0.00, 0.16, 0.40, 0.00
HSL	36°, 100%, 80%
HSV	36°, 40%, 100%
XYZ	71.2477, 72.0653, 40.6549
YIQ	220.0060, 43.4210, -10.4910

Conversions

Conversions Part 2

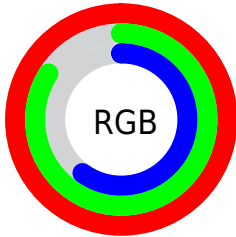
Format	Color
R_{YB}	220, 255, 154
Decimal	16766874
CIE _{Lab}	88.00, 5.92, 35.29
CIE _{LCh}	88, 35.787, 80.471
Yxy	72.0653, 0.3873, 0.3917
Android (android.graphics.Color)	4294956954 (0xFFFFD79A)
YUV	220.0060, -32.5410, 30.6897
Hunter-Lab	84.8913, 1.2520, 31.0296

Details

The CIELCh color **88, 35.787, 80.471** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **78, 34.279, 272.714**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 23.230, 108.417**, and **68, 35.822, 79.936** is the 20% darker color. If you saturate the color by 10%, you get **85, 45.363, 79.043**, and if you desaturate by 10%, it is **91, 26.381, 81.868**.

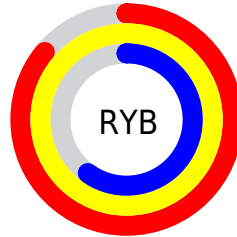
Distribution



Red (100%)

Green (84%)

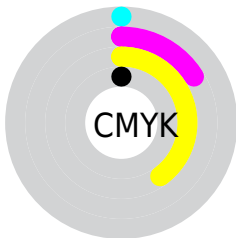
Blue (60%)



Red (86%)

Yellow (100%)

Blue (60%)

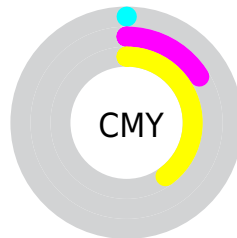


Cyan (0%)

Magenta (16%)

Yellow (40%)

Black (0%)



Cyan (0%)

Magenta (16%)

Yellow (40%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 35.787, 80.471 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, 35.787, 80.471 by changing the saturation by 10% instead.

 88, 35.787, 80.471

 88, 35.787, 80.471

 100, 35.787,
80.471

 78, 35.787, 80.471

 68, 35.787, 80.471

 58, 35.787, 80.471

 48, 35.787, 80.471

 38, 35.787, 80.471

 28, 35.787, 80.471

 18, 35.787, 80.471

 8, 35.787, 80.471

 0, 35.787, 80.471

88, 35.787, 80.471

88, 35.787, 80.471

85, 45.363, 79.043

91, 26.381, 81.868

82, 54.945, 77.550

94, 17.216, 83.219

80, 64.200, 75.953

97, 8.314, 84.517

77, 72.512, 74.150

100, 0.064,
209.855

75, 78.917, 71.946

73, 82.685, 69.149

72, 82.811, 69.044

Harmonies

Complementary

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



88, 35.787, 80.471



78, 34.279, 272.714

Rectangle

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



88, 35.787, 80.471



88, 35.787, 130.471



88, 35.787, 260.471



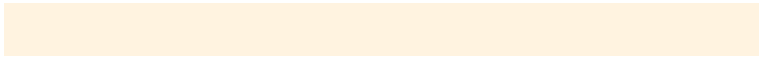
88, 35.787, 310.471

Sweetspot

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



88, 35.788, 80.476



96, 10.407, 84.216



75, 42.958, 353.904



51, 6.917, 84.048



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, 35.788, 80.476



86, 43.824, 79.279



97, 50.388, 110.864



52, 4.911, 84.532



56, 66.666, 69.680



18, 27.414, 72.266

Inverse Universe

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



78, 34.279, 272.714



73, 41.665, 274.830



68, 55.757, 298.510



50, 4.874, 267.111



36, 71.080, 292.799



10, 28.548, 287.116

Previews

White Background



This preview shows how the CIELCh color 88, 35.787, 80.471 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, 35.787, 80.471 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, 35.787, 80.471

Background



This preview shows how black text looks on a background with the CIELCh color 88, 35.787, 80.471.



This preview shows how white text looks on a background with the CIELCh color 88, 35.787, 80.471.

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, 35.787, 80.471

Protanopia

88, 34.239, 95.858

Deuteranopia

88, 27.887, 72.500



Tritanopia
88, 18.146, 358.997

Trichromacy



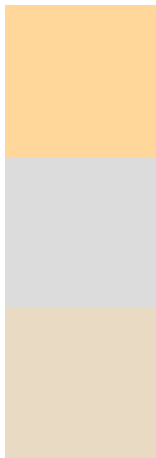
Original Color
88, 35.787, 80.471

Protanomaly
88, 34.647, 90.459

Deuteranomaly
88, 30.540, 75.449

Tritanomaly
88, 18.430, 43.587

Monochromacy



Original Color
88, 35.787, 80.471

Achromatopsia
88, 0.010, 296.813

Achromatomaly
88, 12.774, 82.858

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 35.787, 80.471 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(255, 215, 154)` looks like.

```
.text, #text, p{  
    color:rgb(255, 215, 154)  
}
```

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(255, 215, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 215, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 35.787, 80.471 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(255, 215, 154) }
```

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

```
.border{ border-color:rgb(255, 215, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 215, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 215, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 215, 154);  
box-shadow:4px 4px 4px 4px rgb(255, 215,  
154) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 35.787, 80.471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 215, 154) }
```

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

```
.background{ background-color: rgb(255,  
215, 154) }
```

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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