

Converting Colors

CIELCh(89, 40.142, 73.444)

Have a look what the booklet for
CIELCh(89, 40.142, 73.444) contains.

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Color

CIELCh(88, 36.951, 80.469)

Conversions

Conversions Part 1

Format	Color
Hex	FFD798
RGB	255, 215, 152
RGB Percent	100%, 84%, 60%
CMY	0.0000, 0.1582, 0.4054
CMYK	0.00, 0.16, 0.41, 0.00
HSL	37°, 100%, 80%
HSV	37°, 41%, 100%
XYZ	71.3390, 72.0653, 39.6906
YIQ	219.7780, 44.0630, -11.1130

Conversions

Conversions Part 2

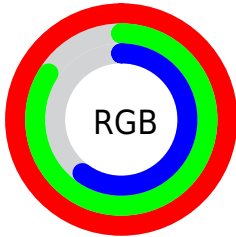
Format	Color
R _Y B	217, 255, 152
Decimal	16766872
CIE Lab	88.00, 6.12, 36.44
CIE LCh	88, 36.951, 80.469
Yxy	72.0653, 0.3896, 0.3936
Android (android.graphics.Color)	4294956952 (0xFFFFD798)
YUV	219.7780, -33.4146, 30.8897
Hunter-Lab	84.8913, 1.4440, 31.7031

Details

The CIELCh color **88, 36.951, 80.469** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **77, 35.359, 273.431**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 24.233, 108.340**, and **68, 36.788, 80.507** is the 20% darker color. If you saturate the color by 10%, you get **85, 46.415, 79.420**, and if you desaturate by 10%, it is **91, 27.363, 82.256**.

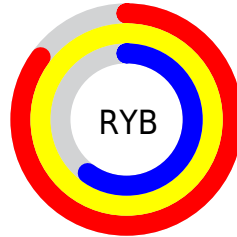
Distribution



Red (100%)

Green (84%)

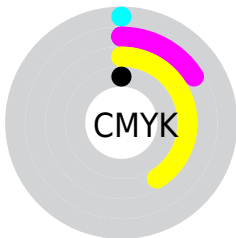
Blue (60%)



Red (85%)

Yellow (100%)

Blue (60%)

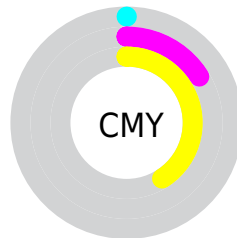


Cyan (0%)

Magenta (16%)

Yellow (41%)

Black (0%)



Cyan (0%)

Magenta (16%)

Yellow (41%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 36.951, 80.469 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, 36.951, 80.469 by changing the saturation by 10% instead.

 88, 36.951, 80.469

 88, 36.951, 80.469

 100, 36.951,
80.469

 78, 36.951, 80.469

 68, 36.951, 80.469

 58, 36.951, 80.469

 48, 36.951, 80.469

 38, 36.951, 80.469

 28, 36.951, 80.469

 18, 36.951, 80.469

 8, 36.951, 80.469

 0, 36.951, 80.469

88, 36.951, 80.469

88, 36.951, 80.469

85, 46.415, 79.420

91, 27.363, 82.256

82, 55.983, 77.919

94, 18.138, 83.611

80, 65.162, 76.307

97, 9.169, 84.916

77, 73.301, 74.478

100, 0.455, 85.487

75, 79.411, 72.232

100, 0.012,
296.813

73, 82.782, 69.578

Harmonies

Complementary

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



88, 36.951, 80.469



77, 35.359, 273.431

Rectangle

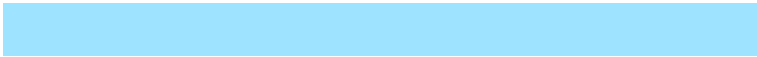
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88, 36.951, 80.469



88, 36.951, 130.469



88, 36.951, 260.469



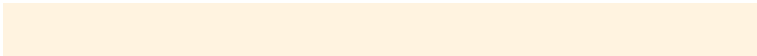
88, 36.951, 310.469

Sweetspot

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



88, 36.816, 80.860



96, 10.460, 84.730



74, 43.974, 354.044



51, 6.952, 84.562



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

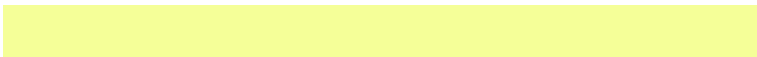
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88, 36.816, 80.860



86, 44.931, 79.645



97, 51.525, 110.793



52, 4.937, 85.046



56, 66.614, 70.208



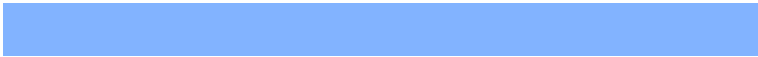
18, 27.463, 72.829

Inverse Universe

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



77, 35.359, 273.431



72, 42.880, 275.593



67, 57.183, 298.644



50, 4.902, 267.621



36, 71.798, 293.187



9, 28.828, 287.553

Previews

White Background



This preview shows how the CIELCh color 88, 36.951, 80.469 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, 36.951, 80.469 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, 36.951, 80.469

Background



This preview shows how black text looks on a background with the CIELCh color 88, 36.951, 80.469.

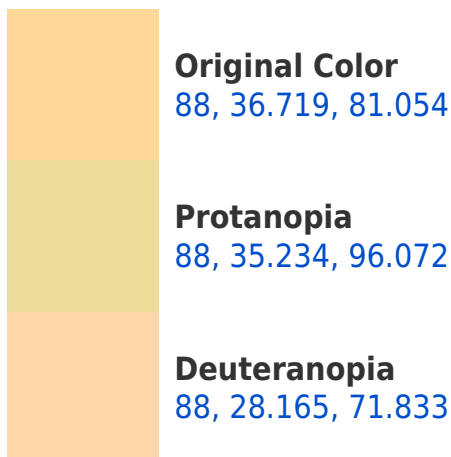



This preview shows how white text looks on a background with the CIELCh color 88, 36.951, 80.469.

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, 17.985, 0.553

Trichromacy



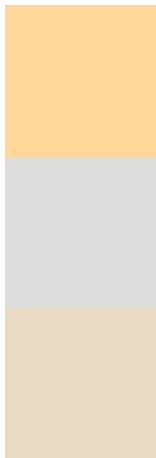
Original Color
88, 36.719, 81.054

Protanomaly
88, 35.626, 90.809

Deuteranomaly
88, 31.440, 76.309

Tritanomaly
88, 18.676, 44.986

Monochromacy



Original Color
88, 36.719, 81.054

Achromatopsia
88, 0.010, 296.813

Achromatomaly
88, 13.248, 83.778

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 36.951, 80.469 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, 152)` looks like.

```
.text, #text, p{  
    color:rgb(255, 215, 152)  
}
```

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, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 215, 152) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 36.951, 80.469 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, 152) }
```

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

```
.border{ border-color:rgb(255, 215, 152) }
```

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, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 215, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 215, 152);  
box-shadow:4px 4px 4px 4px rgb(255, 215,  
152) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 36.951, 80.469 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, 152) }
```

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

```
.background{ background-color: rgb(255,  
215, 152) }
```

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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