

Converting Colors

CIELCh(85, 49.012, 65.901)

Have a look what the booklet for
CIELCh(85, 49.012, 65.901) contains.

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Color

CIELCh(83, 44.115, 72.586)

Conversions

Conversions Part 1

Format	Color
Hex	FFC480
RGB	255, 196, 128
RGB Percent	100%, 77%, 50%
CMY	0.0009, 0.2321, 0.4988
CMYK	0.00, 0.23, 0.50, 0.00
HSL	32°, 100%, 75%
HSV	32°, 50%, 100%
XYZ	64.7395, 62.1629, 28.9440
YIQ	205.8890, 56.9920, -8.6400

Conversions

Conversions Part 2

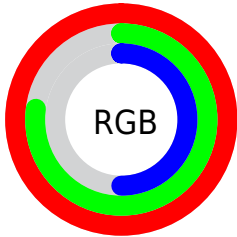
Format	Color
RYB	238, 255, 128
Decimal	16761984
CIELab	83.00, 13.20, 42.09
CIELCh	83, 44.115, 72.586
Yxy	62.1629, 0.4154, 0.3989
Android (android.graphics.Color)	4294952064 (0xFFFFC480)
YUV	205.8890, -38.3993, 43.0703
Hunter-Lab	78.8435, 8.5927, 33.4247

Details

The CIELCh color **83, 44.115, 72.586** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **74, 39.427, 268.830**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 35.731, 106.202**, and **63, 44.262, 72.197** is the 20% darker color. If you saturate the color by 10%, you get **80, 53.816, 71.179**, and if you desaturate by 10%, it is **86, 34.595, 73.957**.

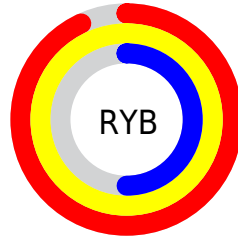
Distribution



Red (100%)

Green (77%)

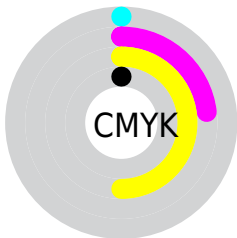
Blue (50%)



Red (93%)

Yellow (100%)

Blue (50%)

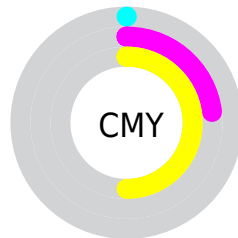


Cyan (0%)

Magenta (23%)

Yellow (50%)

Black (0%)



Cyan (0%)

Magenta (23%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 44.115, 72.586 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 83, 44.115, 72.586 by changing the saturation by 10% instead.

 83, 44.115, 72.586

 83, 44.115, 72.586

 100, 44.115,
72.586

 73, 44.115, 72.586

 63, 44.115, 72.586

 53, 44.115, 72.586

 43, 44.115, 72.586

 33, 44.115, 72.586

 23, 44.115, 72.586

 13, 44.115, 72.586

 3, 44.115, 72.586

 0, 44.115, 72.586

83, 44.115, 72.586

83, 44.115, 72.586

80, 53.816, 71.179

86, 34.595, 73.957

77, 63.409, 69.668

90, 25.385, 75.296

74, 72.316, 67.936

93, 16.528, 76.607

71, 79.544, 65.740

96, 8.025, 77.875

69, 84.261, 62.852

100, 0.070,
217.595

69, 84.335, 62.805

100, 0.075,
208.254

Harmonies

Complementary

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



83, 44.115, 72.586



74, 39.427, 268.830

Rectangle

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



83, 44.115, 72.586



83, 44.115, 122.586



83, 44.115, 252.586



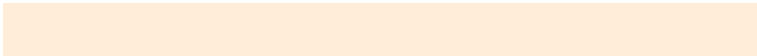
83, 44.115, 302.586

Sweetspot

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



83, 44.115, 72.591



95, 12.383, 77.228



70, 55.328, 351.177



50, 8.485, 76.959



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



83, 44.115, 72.591



80, 54.015, 71.154



97, 62.229, 106.987



51, 4.639, 77.915



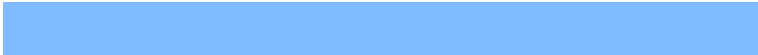
53, 67.783, 63.500



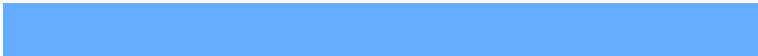
17, 27.044, 65.394

Inverse Universe

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



74, 39.427, 268.830



69, 47.315, 271.978



59, 71.551, 298.378



50, 4.561, 260.494



39, 62.552, 287.474



11, 25.303, 281.209

Previews

White Background



This preview shows how the CIELCh color 83, 44.115, 72.586 looks on a white background.

Color Contrast Check

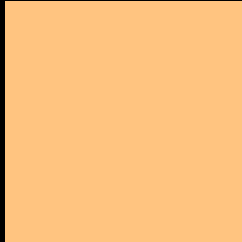
Large Text (above 18pt) WCAG AA × Fail

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 83, 44.115, 72.586 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 83, 44.115, 72.586

Background



This preview shows how black text looks on a background with the CIELCh color 83, 44.115, 72.586.



This preview shows how white text looks on a background with the CIELCh color 83, 44.115, 72.586.

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

83, 44.115, 72.586

Protanopia

83, 39.705, 95.910

Deuteranopia

83, 43.636, 76.652



Tritanopia
83, 25.250, 7.162

Trichromacy



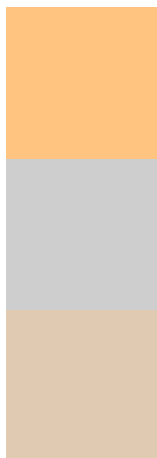
Original Color
83, 44.115, 72.586

Protanomaly
83, 40.664, 86.963

Deuteranomaly
83, 43.946, 74.972

Tritanomaly
83, 26.744, 40.496

Monochromacy



Original Color
83, 44.115, 72.586

Achromatopsia
83, 0.010, 296.813

Achromatomaly
83, 15.297, 75.130

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 44.115, 72.586 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, 196, 128)` looks like.

```
.text, #text, p{  
    color:rgb(255, 196, 128)  
}
```

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, 196, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 196, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 44.115, 72.586 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, 196, 128) }
```

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

```
.border{ border-color:rgb(255, 196, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 196, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 196, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 196, 128);  
box-shadow:4px 4px 4px 4px rgb(255, 196,  
128) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 44.115, 72.586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 196, 128) }
```

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

```
.background{ background-color: rgb(255,  
196, 128) }
```

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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