

Converting Colors

CIELCh(84, 44.644, 70.008)

Have a look what the booklet for
CIELCh(84, 44.644, 70.008) contains.

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Color

CIELCh(83, 42.929, 72.440)

Conversions

Conversions Part 1

Format	Color
Hex	FEC482
RGB	254, 196, 130
RGB Percent	100%, 77%, 51%
CMY	0.0042, 0.2313, 0.4899
CMYK	0.00, 0.23, 0.49, 0.00
HSL	32°, 98%, 75%
HSV	32°, 49%, 100%
XYZ	64.6289, 62.1629, 29.7374
YIQ	205.8180, 55.7540, -8.2300

Conversions

Conversions Part 2

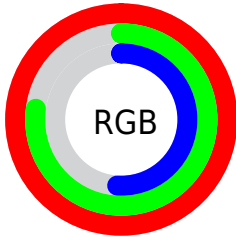
Format	Color
R_{YB}	239, 254, 130
Decimal	16696450
CIE _{Lab}	83.00, 12.95, 40.93
CIE _{LCh}	83, 42.929, 72.440
Yxy	62.1629, 0.4129, 0.3971
Android (android.graphics.Color)	4294886530 (0xFFFE482)
YUV	205.8180, -37.3783, 42.2556
Hunter-Lab	78.8435, 8.3424, 32.8280

Details

The CIELCh color **83, 42.929, 72.440** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **75, 38.352, 268.216**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 34.743, 106.246**, and **63, 43.081, 72.083** is the 20% darker color. If you saturate the color by 10%, you get **80, 52.601, 71.046**, and if you desaturate by 10%, it is **86, 33.464, 73.802**.

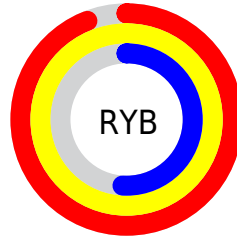
Distribution



Red (100%)

Green (77%)

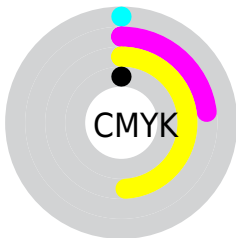
Blue (51%)



Red (94%)

Yellow (100%)

Blue (51%)

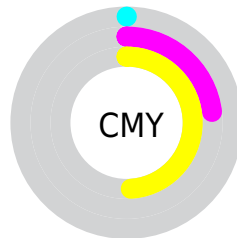


Cyan (0%)

Magenta (23%)

Yellow (49%)

Black (0%)



Cyan (0%)

Magenta (23%)

Yellow (49%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 42.929, 72.440 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, 42.929, 72.440 by changing the saturation by 10% instead.

 83, 42.929, 72.440

 83, 42.929, 72.440

 100, 42.929,
72.440

 73, 42.929, 72.440

 63, 42.929, 72.440

 53, 42.929, 72.440

 43, 42.929, 72.440

 33, 42.929, 72.440

 23, 42.929, 72.440

 13, 42.929, 72.440

 3, 42.929, 72.440

 0, 42.929, 72.440

83, 42.929, 72.440

83, 42.929, 72.440

80, 52.601, 71.046

86, 33.464, 73.802

77, 62.219, 69.558

90, 24.322, 75.134

74, 71.243, 67.866

93, 15.538, 76.438

71, 78.729, 65.742

97, 7.110, 77.695

69, 83.672, 62.902

100, 0.370,
201.174

68, 84.211, 62.549

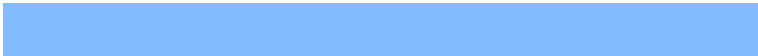
Harmonies

Complementary

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



83, 42.929, 72.440



75, 38.352, 268.216

Rectangle

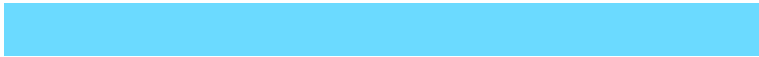
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



83, 42.929, 72.440



83, 42.929, 122.440



83, 42.929, 252.440



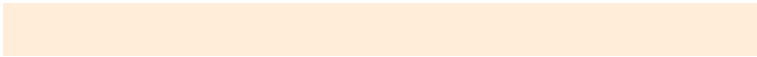
83, 42.929, 302.440

Sweetspot

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



83, 42.929, 72.445



95, 12.356, 76.921



70, 54.532, 349.949



50, 8.468, 76.652



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, 42.929, 72.445



80, 52.999, 71.012



97, 60.842, 106.291



51, 4.629, 77.606



52, 67.852, 63.239



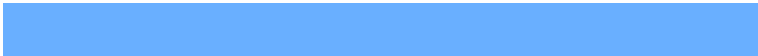
17, 27.037, 65.090

Inverse Universe

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



75, 38.352, 268.216



70, 46.341, 271.338



60, 69.705, 297.752



50, 4.549, 260.182



40, 62.185, 287.210



11, 25.166, 280.919

Previews

White Background



This preview shows how the CIELCh color 83, 42.929, 72.440 looks on a white background.

Color Contrast Check

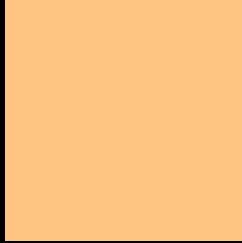
Large Text (above 18pt) WCAG AA × Fail

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, 42.929, 72.440 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, 42.929, 72.440

Background



This preview shows how black text looks on a background with the CIELCh color 83, 42.929, 72.440.

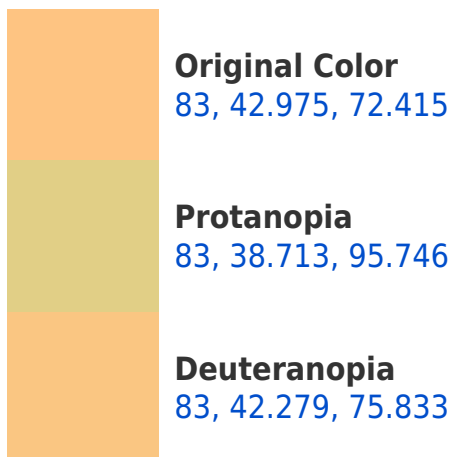


This preview shows how white text looks on a background with the CIELCh color 83, 42.929, 72.440.

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
83, 25.733, 6.281

Trichromacy



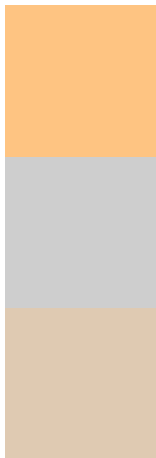
Original Color
83, 42.975, 72.415

Protanomaly
83, 39.219, 86.412

Deuteranomaly
83, 42.358, 74.574

Tritanomaly
83, 26.517, 39.491

Monochromacy



Original Color
83, 42.975, 72.415

Achromatopsia
83, 0.010, 296.813

Achromatomaly
82, 15.077, 76.361

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 42.929, 72.440 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, 196, 130)` looks like.

```
.text, #text, p{  
    color:rgb(254, 196, 130)  
}
```

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, 196, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 196, 130) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 42.929, 72.440 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, 196, 130) }
```

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

```
.border{ border-color:rgb(254, 196, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 196, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 196, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 196, 130);  
box-shadow:4px 4px 4px 4px rgb(254, 196,  
130) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 42.929, 72.440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 196, 130) }
```

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

```
.background{ background-color: rgb(254,  
196, 130) }
```

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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