

Converting Colors

CIELCh(88, 31.889, 78.056)

Have a look what the booklet for
CIELCh(88, 31.889, 78.056) contains.

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Color

CIELCh(88, 31.883, 78.369)

Conversions

Conversions Part 1

Format	Color
Hex	FED7A2
RGB	254, 215, 162
RGB Percent	100%, 84%, 64%
CMY	0.0051, 0.1580, 0.3658
CMYK	0.00, 0.15, 0.36, 0.01
HSL	35°, 97%, 81%
HSV	35°, 36%, 99%
XYZ	71.4848, 72.0653, 44.1954
YIQ	220.6190, 40.2570, -8.2150

Conversions

Conversions Part 2

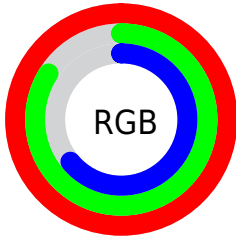
Format	Color
RYB	230, 254, 162
Decimal	16701346
CIELab	88.00, 6.43, 31.23
CIELCh	88, 31.883, 78.369
Yxy	72.0653, 0.3808, 0.3838
Android (android.graphics.Color)	4294891426 (0xFF FED7A2)
YUV	220.6190, -28.8992, 29.2751
Hunter-Lab	84.8913, 1.7507, 28.5568

Details

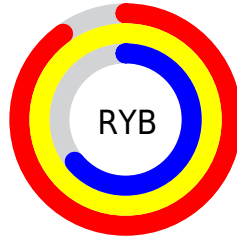
The CIELCh color **88, 31.883, 78.369** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **80, 30.161, 269.382**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 19.210, 108.724**, and **68, 31.740, 77.889** is the 20% darker color. If you saturate the color by 10%, you get **85, 41.321, 76.971**, and if you desaturate by 10%, it is **91, 22.700, 79.743**.

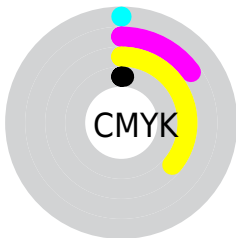
Distribution



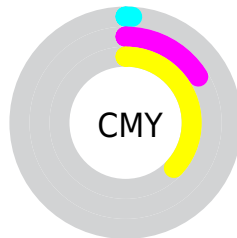
- Red (100%)
- Green (84%)
- Blue (64%)



- Red (90%)
- Yellow (100%)
- Blue (64%)



- Cyan (0%)
- Magenta (15%)
- Yellow (36%)
- Black (1%)



- Cyan (1%)
- Magenta (16%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 31.883, 78.369 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, 31.883, 78.369 by changing the saturation by 10% instead.

88, 31.883, 78.369

88, 31.883, 78.369

100, 31.883,
78.369

78, 31.883, 78.369

68, 31.883, 78.369

58, 31.883, 78.369

48, 31.883, 78.369

38, 31.883, 78.369

28, 31.883, 78.369

18, 31.883, 78.369

8, 31.883, 78.369

0, 31.883, 78.369

88, 31.883, 78.369

88, 31.883, 78.369

85, 41.321, 76.971

91, 22.700, 79.743

82, 50.900, 75.520

94, 13.810, 81.072

79, 60.378, 73.987

98, 5.217, 82.331

77, 69.269, 72.286

100, 0.454,
200.838

74, 76.729, 70.243

71, 81.656, 67.572

71, 83.016, 66.463

Harmonies

Complementary

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



88, 31.883, 78.369



80, 30.161, 269.382

Rectangle

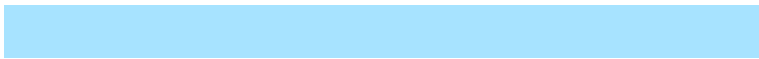
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88, 31.883, 78.369



88, 31.883, 128.369



88, 31.883, 258.369



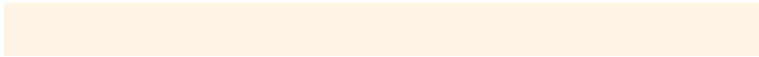
88, 31.883, 308.369

Sweetspot

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



88, 31.883, 78.375



96, 9.299, 81.747



77, 39.781, 351.262



51, 6.263, 81.575



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, 31.883, 78.375



86, 39.341, 77.289



97, 46.012, 109.648



52, 4.793, 81.935



54, 67.011, 67.119



17, 27.215, 69.488

Inverse Universe

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



80, 30.161, 269.382



76, 36.775, 271.251



70, 50.438, 296.993



50, 4.739, 264.526



37, 67.576, 290.782



10, 27.200, 284.860

Previews

White Background



This preview shows how the CIE LCh color 88, 31.883, 78.369 looks on a white background.

Color Contrast Check

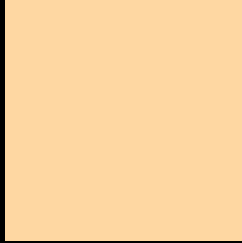
Large Text (above 18pt) WCAG AA × Fail

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, 31.883, 78.369 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

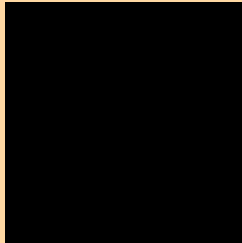
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 31.883, 78.369

Background



This preview shows how black text looks on a background with the CIELCh color 88, 31.883, 78.369.



This preview shows how white text looks on a background with the CIELCh color 88, 31.883, 78.369.

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](#).

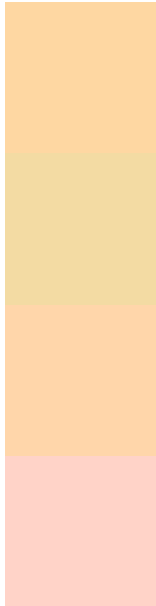
Dichromacy





Tritanopia
88, 18.146, 358.997

Trichromacy



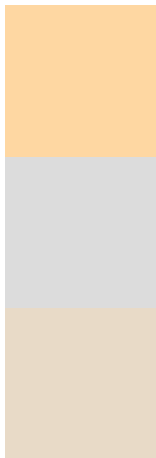
Original Color
88, 31.883, 78.369

Protanomaly
88, 30.598, 89.485

Deuteranomaly
88, 28.324, 73.034

Tritanomaly
88, 17.767, 39.165

Monochromacy



Original Color
88, 31.883, 78.369

Achromatopsia
88, 0.010, 296.813

Achromatomaly
88, 11.196, 81.303

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 31.883, 78.369 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, 162)` looks like.

```
.text, #text, p{  
    color:rgb(254, 215, 162)  
}
```

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, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 215, 162) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 31.883, 78.369 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, 162) }
```

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

```
.border{ border-color:rgb(254, 215, 162) }
```

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, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 215, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 215, 162);  
box-shadow:4px 4px 4px 4px rgb(254, 215,  
162) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 31.883, 78.369 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, 162) }
```

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

```
.background{ background-color: rgb(254,  
215, 162) }
```

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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