

Converting Colors

CIELCh(88, 31.165, 77.568)

Have a look what the booklet for
CIELCh(88, 31.165, 77.568) contains.

CIELCh(88, 31.425, 77.983)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(88, 31.425, 77.983)

Conversions

Conversions Part 1

Format	Color
Hex	FED7A3
RGB	254, 215, 163
RGB Percent	100%, 84%, 64%
CMY	0.0053, 0.1582, 0.3621
CMYK	0.00, 0.15, 0.36, 0.01
HSL	34°, 97%, 82%
HSV	34°, 36%, 99%
XYZ	71.5390, 72.0653, 44.6374
YIQ	220.7330, 39.9360, -7.9040

Conversions

Conversions Part 2

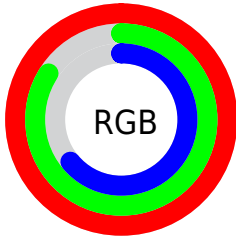
Format	Color
RYB	231, 254, 163
Decimal	16701347
CIELab	88.00, 6.54, 30.74
CIELCh	88, 31.425, 77.983
Yxy	72.0653, 0.3800, 0.3828
Android (android.graphics.Color)	4294891427 (0xFF FED7A3)
YUV	220.7330, -28.4624, 29.1752
Hunter-Lab	84.8913, 1.8647, 28.2481

Details

The CIELCh color **88, 31.425, 77.983** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **80, 29.665, 268.852**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 18.707, 108.762**, and **68, 31.259, 77.499** is the 20% darker color. If you saturate the color by 10%, you get **85, 40.844, 76.590**, and if you desaturate by 10%, it is **91, 22.271, 79.352**.

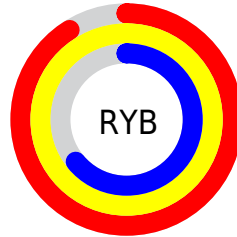
Distribution



Red (100%)

Green (84%)

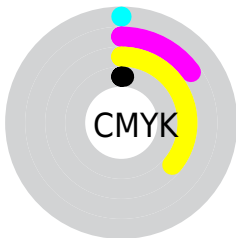
Blue (64%)



Red (91%)

Yellow (100%)

Blue (64%)

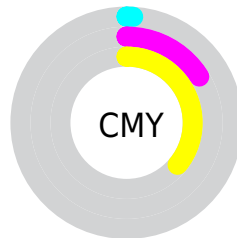


Cyan (0%)

Magenta (15%)

Yellow (36%)

Black (1%)



Cyan (1%)

Magenta (16%)

Yellow (36%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 31.425, 77.983 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, 31.425, 77.983 by changing the saturation by 10% instead.

 88, 31.425, 77.983

 88, 31.425, 77.983

 100, 31.425,
77.983

 78, 31.425, 77.983

 68, 31.425, 77.983

 58, 31.425, 77.983

 48, 31.425, 77.983

 38, 31.425, 77.983

 28, 31.425, 77.983

 18, 31.425, 77.983

 8, 31.425, 77.983

 0, 31.425, 77.983

88, 31.425, 77.983

88, 31.425, 77.983

85, 40.844, 76.590

91, 22.271, 79.352

82, 50.423, 75.147

94, 13.419, 80.678

79, 59.927, 73.623

98, 4.869, 81.929

76, 68.887, 71.936

100, 0.471,
200.782

74, 76.475, 69.913

71, 81.581, 67.269

70, 83.103, 66.037

Harmonies

Complementary

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



88, 31.425, 77.983



80, 29.665, 268.852

Rectangle

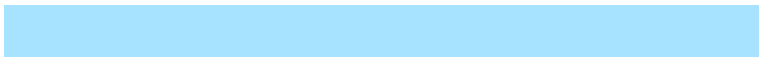
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88, 31.425, 77.983



88, 31.425, 127.983



88, 31.425, 257.983



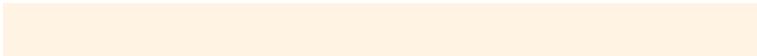
88, 31.425, 307.983

Sweetspot

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



88, 31.425, 77.989



96, 9.263, 81.302



77, 39.347, 351.209



51, 6.239, 81.130



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, 31.425, 77.989



86, 38.290, 76.993



97, 45.529, 109.680



52, 4.774, 81.489



54, 67.083, 66.698



17, 27.188, 69.022

Inverse Universe

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



80, 29.665, 268.852



77, 35.723, 270.557



71, 49.849, 296.935



50, 4.718, 264.080



37, 66.995, 290.427



10, 26.978, 284.465

Previews

White Background



This preview shows how the CIELCh color 88, 31.425, 77.983 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, 31.425, 77.983 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

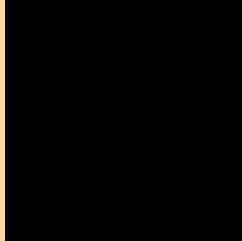
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 31.425, 77.983

Background



This preview shows how black text looks on a background with the CIELCh color 88, 31.425, 77.983.



This preview shows how white text looks on a background with the CIELCh color 88, 31.425, 77.983.

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



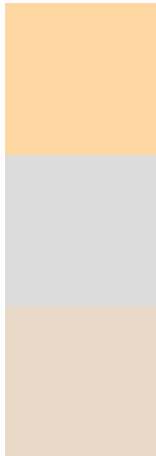
Original Color
88, 31.425, 77.983

Protanomaly
88, 30.108, 89.246

Deuteranomaly
88, 28.324, 73.034

Tritanomaly
88, 17.767, 39.165

Monochromacy



Original Color
88, 31.425, 77.983

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, 31.425, 77.983 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, 163)` looks like.

```
.text, #text, p{  
    color:rgb(254, 215, 163)  
}
```

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, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 215, 163) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 31.425, 77.983 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, 163) }
```

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

```
.border{ border-color:rgb(254, 215, 163) }
```

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, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 215, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 215, 163);  
box-shadow:4px 4px 4px 4px rgb(254, 215,  
163) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 31.425, 77.983 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, 163) }
```

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

```
.background{ background-color: rgb(254,  
215, 163) }
```

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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