

Converting Colors

CIELCh(100, 67.378, 43.394)

Have a look what the booklet for
CIELCh(100, 67.378, 43.394)
contains.

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Color

CIELCh(88, 29.832, 75.654)

Conversions

Conversions Part 1

Format	Color
Hex	FED6A6
RGB	254, 214, 166
RGB Percent	100%, 84%, 65%
CMY	0.0033, 0.1599, 0.3481
CMYK	0.00, 0.16, 0.35, 0.00
HSL	33°, 98%, 82%
HSV	33°, 35%, 100%
XYZ	71.9404, 72.0653, 46.3114
YIQ	220.4880, 39.2480, -6.4480

Conversions

Conversions Part 2

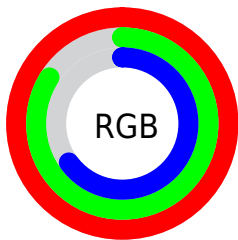
Format	Color
R _Y B	239, 254, 166
Decimal	16701094
CIE Lab	88.00, 7.39, 28.90
CIE LCh	88, 29.832, 75.654
Yxy	72.0653, 0.3780, 0.3787
Android (android.graphics.Color)	4294891174 (0xFF FED6A6)
YUV	220.4880, -26.8626, 29.3900
Hunter-Lab	84.8913, 2.7086, 27.0789

Details

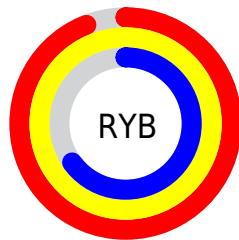
The CIELCh color **88, 29.832, 75.654** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **82, 27.802, 266.017**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 17.195, 108.877**, and **68, 29.637, 75.068** is the 20% darker color. If you saturate the color by 10%, you get **85, 39.193, 74.295**, and if you desaturate by 10%, it is **91, 20.792, 76.997**.

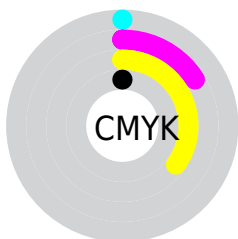
Distribution



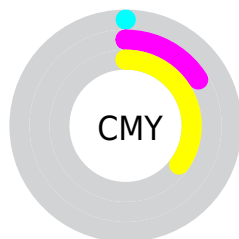
- Red (100%)
- Green (84%)
- Blue (65%)



- Red (94%)
- Yellow (100%)
- Blue (65%)



- Cyan (0%)
- Magenta (16%)
- Yellow (35%)
- Black (0%)



- Cyan (0%)
- Magenta (16%)
- Yellow (35%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 29.832, 75.654 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, 29.832, 75.654 by changing the saturation by 10% instead.

 88, 29.832, 75.654

 88, 29.832, 75.654

 100, 29.832,
75.654

 78, 29.832, 75.654

 68, 29.832, 75.654

 58, 29.832, 75.654

 48, 29.832, 75.654

 38, 29.832, 75.654

 28, 29.832, 75.654

 18, 29.832, 75.654

 8, 29.832, 75.654

 0, 29.832, 75.654

88, 29.832, 75.654

88, 29.832, 75.654

85, 39.193, 74.295

91, 20.792, 76.997

82, 48.793, 72.893

95, 12.093, 78.300

79, 58.434, 71.423

98, 3.727, 79.510

76, 67.703, 69.806

100, 0.288,
201.686

73, 75.827, 67.872

70, 81.677, 65.324

69, 83.884, 63.699

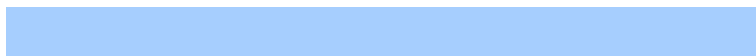
Harmonies

Complementary

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



88, 29.832, 75.654



82, 27.802, 266.017

Rectangle

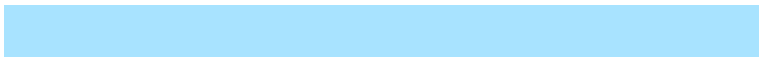
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88, 29.832, 75.654



88, 29.832, 125.654



88, 29.832, 255.654



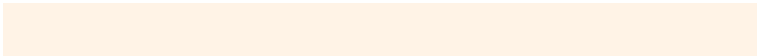
88, 29.832, 305.654

Sweetspot

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



88, 29.832, 75.660



97, 8.232, 78.878



78, 38.690, 348.985



51, 5.632, 78.703



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, 29.832, 75.660



86, 36.836, 74.651



98, 43.993, 108.303



51, 4.675, 78.939



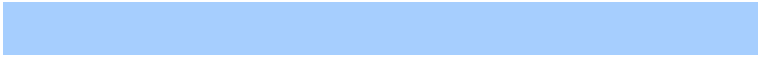
53, 67.563, 64.384



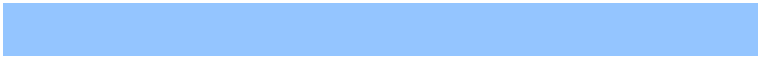
17, 27.073, 66.413

Inverse Universe

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



82, 27.802, 266.017



78, 33.776, 267.764



72, 48.010, 295.705



50, 4.603, 261.524



39, 63.787, 288.339



11, 25.765, 282.158

Previews

White Background



This preview shows how the CIELCh color 88, 29.832, 75.654 looks on a white background.

Color Contrast Check

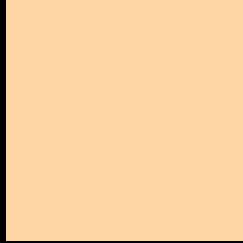
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 88, 29.832, 75.654 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, 29.832, 75.654

Background



This preview shows how black text looks on a background with the CIELCh color 88, 29.832, 75.654.



This preview shows how white text looks on a background with the CIELCh color 88, 29.832, 75.654.

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

88, 29.862, 75.637

Protanopia

88, 27.563, 95.528

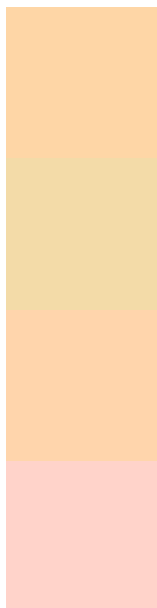
Deuteranopia

88, 25.624, 68.195



Tritanopia
88, 18.146, 358.997

Trichromacy



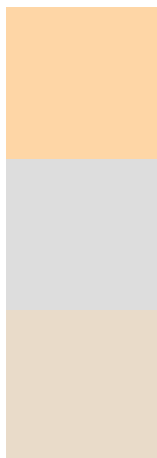
Original Color
88, 29.862, 75.637

Protanomaly
88, 28.151, 88.192

Deuteranomaly
88, 27.305, 70.702

Tritanomaly
88, 17.391, 36.036

Monochromacy



Original Color
88, 29.862, 75.637

Achromatopsia
88, 0.010, 296.813

Achromatomaly
88, 10.724, 80.086

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 29.832, 75.654 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, 214, 166)` looks like.

```
.text, #text, p{  
    color:rgb(254, 214, 166)  
}
```

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, 214, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 214, 166) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 29.832, 75.654 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, 214, 166) }
```

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

```
.border{ border-color:rgb(254, 214, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 214, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 214, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 214, 166);  
box-shadow:4px 4px 4px 4px rgb(254, 214,  
166) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 29.832, 75.654 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 214, 166) }
```

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

```
.background{ background-color: rgb(254,  
214, 166) }
```

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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