

Converting Colors

CIELCh(88, 29.300, 75.351)

Have a look what the booklet for
CIELCh(88, 29.300, 75.351) contains.

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Color

CIELCh(88, 29.414, 75.175)

Conversions

Conversions Part 1

Format	Color
Hex	FED6A7
RGB	254, 214, 167
RGB Percent	100%, 84%, 65%
CMY	0.0033, 0.1602, 0.3445
CMYK	0.00, 0.16, 0.34, 0.00
HSL	32°, 98%, 83%
HSV	32°, 34%, 100%
XYZ	72.0041, 72.0653, 46.7440
YIQ	220.6020, 38.9270, -6.1370

Conversions

Conversions Part 2

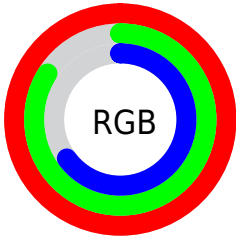
Format	Color
R _Y B	241, 254, 167
Decimal	16701095
CIE Lab	88.00, 7.53, 28.43
CIE LCh	88, 29.414, 75.175
Yxy	72.0653, 0.3774, 0.3777
Android (android.graphics.Color)	4294891175 (0xFF FED6A7)
YUV	220.6020, -26.4258, 29.2900
Hunter-Lab	84.8913, 2.8425, 26.7768

Details

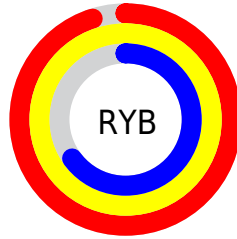
The CIELCh color **88, 29.414, 75.175** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **82, 27.348, 265.393**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 16.691, 108.916**, and **68, 29.166, 74.595** is the 20% darker color. If you saturate the color by 10%, you get **85, 38.757, 73.824**, and if you desaturate by 10%, it is **91, 20.403, 76.511**.

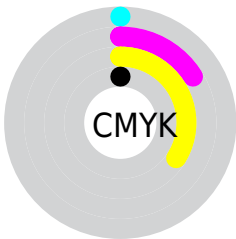
Distribution



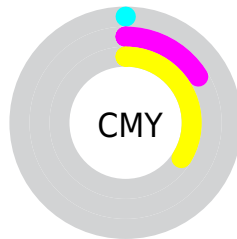
- Red (100%)
- Green (84%)
- Blue (65%)



- Red (95%)
- Yellow (100%)
- Blue (65%)



- Cyan (0%)
- Magenta (16%)
- Yellow (34%)
- Black (0%)



- Cyan (0%)
- Magenta (16%)
- Yellow (34%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 29.414, 75.175 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, 29.414, 75.175 by changing the saturation by 10% instead.

 88, 29.414, 75.175

 88, 29.414, 75.175

 100, 29.414,
75.175

 78, 29.414, 75.175

 68, 29.414, 75.175

 58, 29.414, 75.175

 48, 29.414, 75.175

 38, 29.414, 75.175

 28, 29.414, 75.175

 18, 29.414, 75.175

 8, 29.414, 75.175

 0, 29.414, 75.175

88, 29.414, 75.175

88, 29.414, 75.175

85, 38.757, 73.824

91, 20.403, 76.511

82, 48.355, 72.433

95, 11.742, 77.807

79, 58.021, 70.977

98, 3.419, 79.003

76, 67.352, 69.380

100, 0.292,
201.657

73, 75.597, 67.472

70, 81.623, 64.957

69, 84.035, 63.227

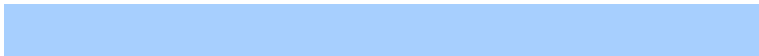
Harmonies

Complementary

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



88, 29.414, 75.175



82, 27.348, 265.393

Rectangle

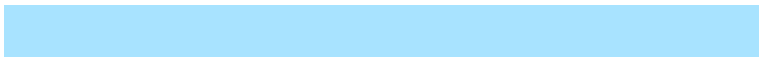
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88, 29.414, 75.175



88, 29.414, 125.175



88, 29.414, 255.175



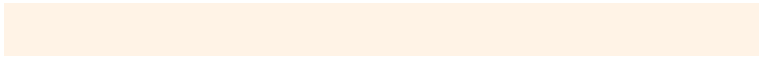
88, 29.414, 305.175

Sweetspot

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



88, 29.414, 75.181



96, 8.198, 78.338



78, 38.287, 348.940



51, 5.610, 78.164



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, 29.414, 75.181



86, 35.797, 74.265



98, 43.551, 108.335



51, 4.656, 78.399



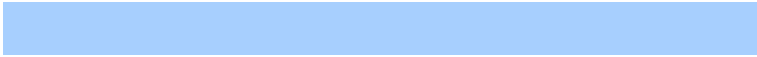
53, 67.677, 63.915



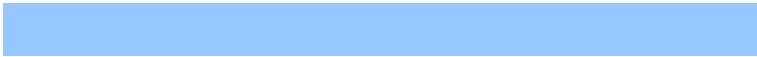
17, 27.056, 65.874

Inverse Universe

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



82, 27.348, 265.393



79, 32.767, 266.971



72, 47.476, 295.648



50, 4.580, 260.981



39, 63.131, 287.885



11, 25.519, 281.659

Previews

White Background



This preview shows how the CIELCh color 88, 29.414, 75.175 looks on a white background.

Color Contrast Check

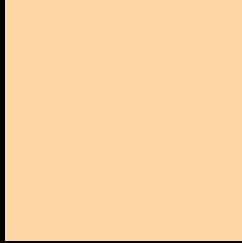
Large Text (above 18pt) WCAG AA × Fail

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, 29.414, 75.175 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, 29.414, 75.175

Background



This preview shows how black text looks on a background with the CIELCh color 88, 29.414, 75.175.



This preview shows how white text looks on a background with the CIELCh color 88, 29.414, 75.175.

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, 29.414, 75.175

Protanopia

88, 27.061, 95.356

Deuteranopia

88, 25.624, 68.195



Tritanopia
88, 18.146, 358.997

Trichromacy



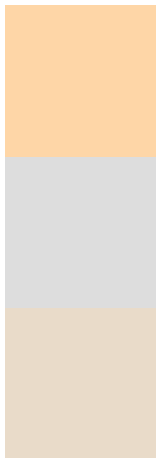
Original Color
88, 29.414, 75.175

Protanomaly
88, 27.663, 87.901

Deuteranomaly
88, 26.880, 70.107

Tritanomaly
88, 17.391, 36.036

Monochromacy



Original Color
88, 29.414, 75.175

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, 29.414, 75.175 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, 167)` looks like.

```
.text, #text, p{  
    color:rgb(254, 214, 167)  
}
```

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, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 214, 167) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 29.414, 75.175 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, 167) }
```

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

```
.border{ border-color:rgb(254, 214, 167) }
```

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, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 214, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 214, 167);  
box-shadow:4px 4px 4px 4px rgb(254, 214,  
167) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 29.414, 75.175 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, 167) }
```

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

```
.background{ background-color: rgb(254,  
214, 167) }
```

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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