

Converting Colors

CIELCh(88, 29.021, 71.850)

Have a look what the booklet for
CIELCh(88, 29.021, 71.850) contains.

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Color

CIELCh(88, 28.599, 72.370)

Conversions

Conversions Part 1

Format	Color
Hex	FFD5A9
RGB	255, 213, 169
RGB Percent	100%, 84%, 66%
CMY	0.0000, 0.1628, 0.3355
CMYK	0.00, 0.16, 0.34, 0.00
HSL	31°, 100%, 83%
HSV	31°, 34%, 100%
XYZ	72.5436, 72.0653, 47.8485
YIQ	220.5420, 39.1560, -4.7800

Conversions

Conversions Part 2

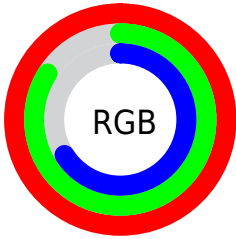
Format	Color
RYB	251, 255, 169
Decimal	16766377
CIELab	88.00, 8.66, 27.26
CIELCh	88, 28.599, 72.370
Yxy	72.0653, 0.3769, 0.3744
Android (android.graphics.Color)	4294956457 (0xFFFFD5A9)
YUV	220.5420, -25.4102, 30.2197
Hunter-Lab	84.8913, 3.9770, 26.0054

Details

The CIELCh color **88, 28.599, 72.370** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **83, 26.122, 262.543**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 15.682, 108.992**, and **68, 28.337, 71.642** is the 20% darker color. If you saturate the color by 10%, you get **85, 37.793, 71.389**, and if you desaturate by 10%, it is **91, 19.538, 73.993**.

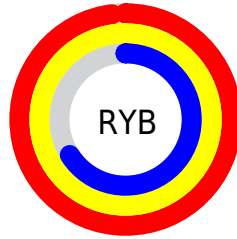
Distribution



Red (100%)

Green (84%)

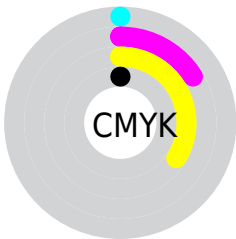
Blue (66%)



Red (98%)

Yellow (100%)

Blue (66%)

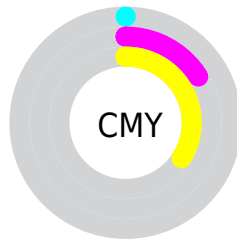


Cyan (0%)

Magenta (16%)

Yellow (34%)

Black (0%)



Cyan (0%)

Magenta (16%)

Yellow (34%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 28.599, 72.370 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, 28.599, 72.370 by changing the saturation by 10% instead.

 88, 28.599, 72.370

 88, 28.599, 72.370

 100, 28.599,
72.370

 78, 28.599, 72.370

 68, 28.599, 72.370

 58, 28.599, 72.370

 48, 28.599, 72.370

 38, 28.599, 72.370

 28, 28.599, 72.370

 18, 28.599, 72.370

 8, 28.599, 72.370

 0, 28.599, 72.370

88, 28.599, 72.370

88, 28.599, 72.370

85, 37.793, 71.389

91, 19.538, 73.993

81, 47.433, 70.054

95, 10.988, 75.257

78, 57.229, 68.666

99, 2.808, 76.399

75, 66.819, 67.151

100, 0.012,
296.813

72, 75.484, 65.339

69, 82.086, 62.923

68, 85.069, 61.007

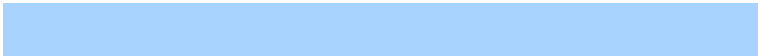
Harmonies

Complementary

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



88, 28.599, 72.370



83, 26.122, 262.543

Rectangle

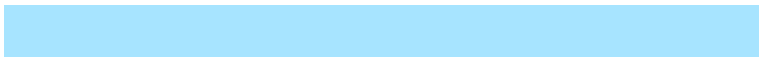
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88, 28.599, 72.370



88, 28.599, 122.370



88, 28.599, 252.370



88, 28.599, 302.370

Sweetspot

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



88, 28.475, 72.700



96, 8.047, 75.691



79, 38.334, 346.887



51, 5.508, 75.520



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, 28.475, 72.700



86, 34.449, 71.856



98, 42.796, 106.909



51, 4.570, 75.750



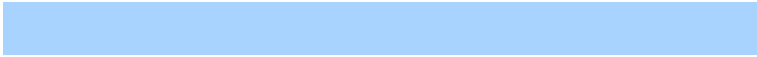
52, 68.292, 61.713



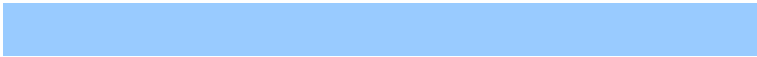
16, 27.011, 63.294

Inverse Universe

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



83, 26.122, 262.543



80, 31.024, 264.027



72, 46.562, 294.497



50, 4.479, 258.307



41, 60.038, 285.591



12, 24.369, 279.153

Previews

White Background



This preview shows how the CIE LCh color 88, 28.599, 72.370 looks on a white background.

Color Contrast Check

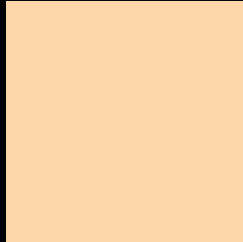
Large Text (above 18pt) WCAG AA × Fail

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, 28.599, 72.370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

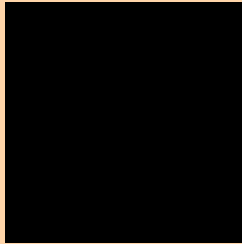
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 28.599, 72.370

Background



This preview shows how black text looks on a background with the CIELCh color 88, 28.599, 72.370.



This preview shows how white text looks on a background with the CIELCh color 88, 28.599, 72.370.

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, 28.599, 72.370

Protanopia

88, 25.074, 94.566

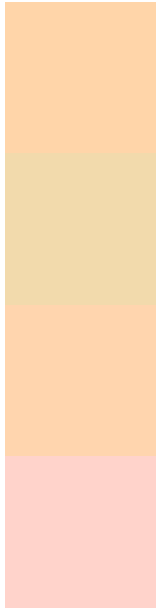
Deuteranopia

88, 25.212, 67.512



Tritanopia
88, 18.146, 358.997

Trichromacy



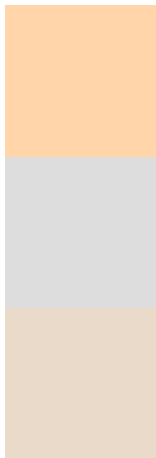
Original Color
88, 28.599, 72.370

Protanomaly
88, 25.741, 86.593

Deuteranomaly
88, 26.458, 69.491

Tritanomaly
88, 17.224, 34.421

Monochromacy



Original Color
88, 28.599, 72.370

Achromatopsia
88, 0.010, 296.813

Achromatomaly
88, 10.035, 75.451

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 28.599, 72.370 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(255, 213, 169)` looks like.

```
.text, #text, p{  
    color:rgb(255, 213, 169)  
}
```

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(255, 213, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 213, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 28.599, 72.370 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(255, 213, 169) }
```

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

```
.border{ border-color:rgb(255, 213, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 213, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 213, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 213, 169);  
box-shadow:4px 4px 4px 4px rgb(255, 213,  
169) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 28.599, 72.370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 213, 169) }
```

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

```
.background{ background-color: rgb(255,  
213, 169) }
```

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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