

Converting Colors

CIELCh(100, 70.164, 41.997)

Have a look what the booklet for
CIELCh(100, 70.164, 41.997)
contains.

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Color

CIELCh(88, 29.749, 72.748)

Conversions

Conversions Part 1

Format	Color
Hex	FFD5A7
RGB	255, 213, 167
RGB Percent	100%, 84%, 65%
CMY	0.0000, 0.1635, 0.3441
CMYK	0.00, 0.16, 0.34, 0.00
HSL	31°, 100%, 83%
HSV	31°, 34%, 100%
XYZ	72.6203, 72.0653, 46.7666
YIQ	220.3140, 39.7980, -5.4020

Conversions

Conversions Part 2

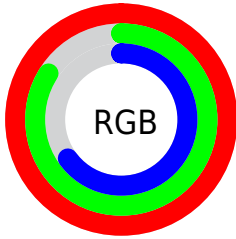
Format	Color
RYB	247, 255, 167
Decimal	16766375
CIELab	88.00, 8.82, 28.41
CIElCh	88, 29.749, 72.748
Yxy	72.0653, 0.3793, 0.3764
Android (android.graphics.Color)	4294956455 (0xFFFFD5A7)
YUV	220.3140, -26.2838, 30.4196
Hunter-Lab	84.8913, 4.1383, 26.7610

Details

The CIELCh color **88, 29.749, 72.748** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **82, 27.084, 263.828**, 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, 29.257, 72.699** is the 20% darker color. If you saturate the color by 10%, you get **85, 38.769, 72.291**, and if you desaturate by 10%, it is **91, 20.415, 74.934**.

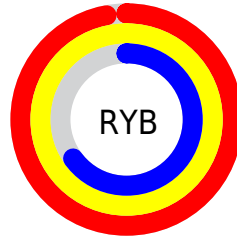
Distribution



Red (100%)

Green (84%)

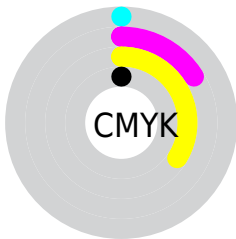
Blue (65%)



Red (97%)

Yellow (100%)

Blue (65%)

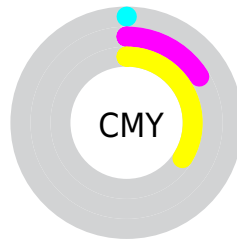


Cyan (0%)

Magenta (16%)

Yellow (34%)

Black (0%)



Cyan (0%)

Magenta (16%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 29.749, 72.748 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, 29.749, 72.748 by changing the saturation by 10% instead.

 88, 29.749, 72.748

 88, 29.749, 72.748

 100, 29.749,
72.748

 78, 29.749, 72.748

 68, 29.749, 72.748

 58, 29.749, 72.748

 48, 29.749, 72.748

 38, 29.749, 72.748

 28, 29.749, 72.748

 18, 29.749, 72.748

 8, 29.749, 72.748

 0, 29.749, 72.748

88, 29.749, 72.748

88, 29.749, 72.748

85, 38.769, 72.291

91, 20.415, 74.934

81, 48.415, 70.929

95, 11.791, 76.214

78, 58.167, 69.507

98, 3.527, 77.399

75, 67.631, 67.944

100, 0.012,
296.813

72, 76.047, 66.064

70, 82.261, 63.555

68, 84.725, 61.881

Harmonies

Complementary

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



88, 29.749, 72.748



82, 27.084, 263.828

Rectangle

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



88, 29.749, 72.748



88, 29.749, 122.748



88, 29.749, 252.748



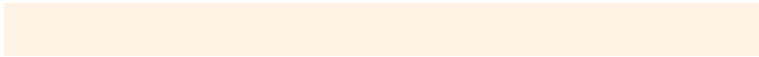
88, 29.749, 302.748

Sweetspot

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



88, 29.412, 73.623



96, 8.105, 76.761



78, 38.946, 347.966



51, 5.547, 76.589



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, 29.412, 73.623



86, 35.543, 72.747



98, 43.868, 107.574



51, 4.603, 76.821



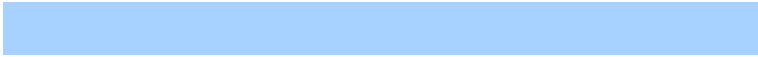
52, 68.033, 62.583



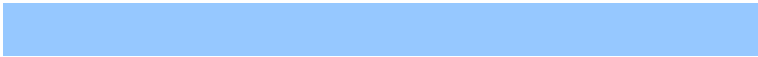
16, 27.023, 64.323

Inverse Universe

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



82, 27.084, 263.828



79, 32.165, 265.369



72, 47.854, 295.158



50, 4.518, 259.390



40, 61.265, 286.532



11, 24.823, 280.178

Previews

White Background



This preview shows how the CIELCh color 88, 29.749, 72.748 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, 29.749, 72.748 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

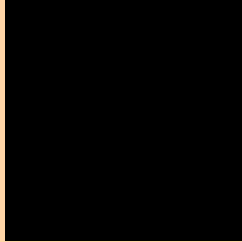
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 29.749, 72.748

Background



This preview shows how black text looks on a background with the CIELCh color 88, 29.749, 72.748.



This preview shows how white text looks on a background with the CIELCh color 88, 29.749, 72.748.

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, 29.474, 73.393

Protanopia

88, 26.581, 95.162

Deuteranopia

88, 26.039, 68.854



Tritanopia
88, 18.678, 357.969

Trichromacy



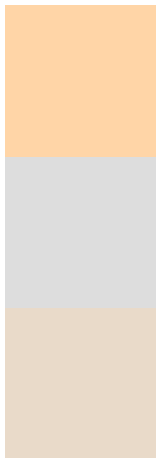
Original Color
88, 29.474, 73.393

Protanomaly
88, 27.200, 87.582

Deuteranomaly
88, 27.305, 70.702

Tritanomaly
88, 17.621, 34.143

Monochromacy



Original Color
88, 29.474, 73.393

Achromatopsia
88, 0.010, 296.813

Achromatomaly
88, 10.476, 76.962

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 29.749, 72.748 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, 167)` looks like.

```
.text, #text, p{  
    color:rgb(255, 213, 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(255, 213, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 213, 167) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 29.749, 72.748 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, 167) }
```

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

```
.border{ border-color:rgb(255, 213, 167) }
```

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, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 213, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 213, 167);  
box-shadow:4px 4px 4px 4px rgb(255, 213,  
167) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 29.749, 72.748 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, 167) }
```

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

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