

Converting Colors

CIELCh(100, 69.542, 43.112)

Have a look what the booklet for
CIELCh(100, 69.542, 43.112)
contains.

CIELCh(88, 30.358, 74.351)	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, 30.358, 74.351)

Conversions

Conversions Part 1

Format	Color
Hex	FFD6A6
RGB	255, 214, 166
RGB Percent	100%, 84%, 65%
CMY	0.0000, 0.1620, 0.3504
CMYK	0.00, 0.16, 0.35, 0.00
HSL	32°, 100%, 82%
HSV	32°, 35%, 100%
XYZ	72.3186, 72.0653, 46.0064
YIQ	220.7870, 39.8440, -6.2360

Conversions

Conversions Part 2

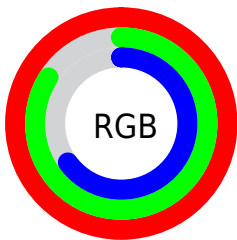
Format	Color
RYB	242, 255, 166
Decimal	16766630
CIELab	88.00, 8.19, 29.23
CIELCh	88, 30.358, 74.351
Yxy	72.0653, 0.3798, 0.3785
Android (android.graphics.Color)	4294956710 (0xFFFFD6A6)
YUV	220.7870, -27.0100, 30.0048
Hunter-Lab	84.8913, 3.5039, 27.2920

Details

The CIELCh color **88, 30.358, 74.351** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **82, 27.971, 265.294**, 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, 29.889, 74.383** is the 20% darker color. If you saturate the color by 10%, you get **85, 39.580, 73.450**, and if you desaturate by 10%, it is **91, 21.135, 76.134**.

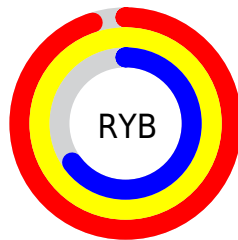
Distribution



Red (100%)

Green (84%)

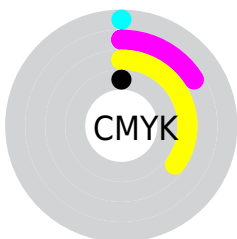
Blue (65%)



Red (95%)

Yellow (100%)

Blue (65%)

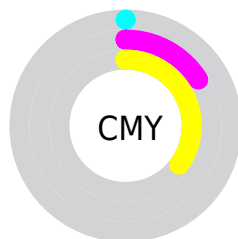


Cyan (0%)

Magenta (16%)

Yellow (35%)

Black (0%)



Cyan (0%)

Magenta (16%)

Yellow (35%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 30.358, 74.351 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, 30.358, 74.351 by changing the saturation by 10% instead.

 88, 30.358, 74.351

 88, 30.358, 74.351

 100, 30.358,
74.351

 78, 30.358, 74.351

 68, 30.358, 74.351

 58, 30.358, 74.351

 48, 30.358, 74.351

 38, 30.358, 74.351

 28, 30.358, 74.351

 18, 30.358, 74.351

 8, 30.358, 74.351

 0, 30.358, 74.351

88, 30.358, 74.351

88, 30.358, 74.351

85, 39.580, 73.450

91, 21.135, 76.134

81, 49.221, 72.060

95, 12.434, 77.431

78, 58.915, 70.602

98, 4.078, 78.645

76, 68.239, 68.992

100, 0.012,
296.813

73, 76.401, 67.053

70, 82.250, 64.475

69, 84.328, 62.983

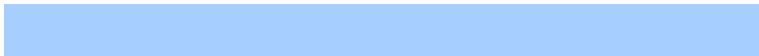
Harmonies

Complementary

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



88, 30.358, 74.351



82, 27.971, 265.294

Rectangle

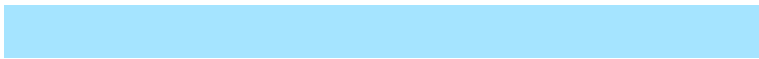
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88, 30.358, 74.351



88, 30.358, 124.351



88, 30.358, 254.351



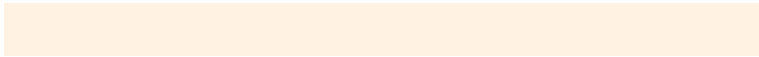
88, 30.358, 304.351

Sweetspot

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



88, 30.190, 74.805



96, 9.019, 77.940



78, 39.294, 349.042



51, 6.077, 77.771



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, 30.190, 74.805



86, 36.694, 73.865



98, 44.659, 108.262



51, 4.647, 78.125



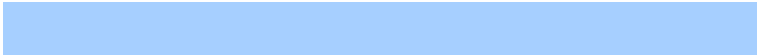
53, 67.736, 63.679



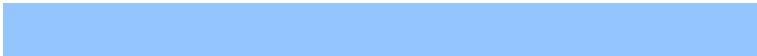
17, 27.049, 65.601

Inverse Universe

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



82, 27.971, 265.294



78, 33.443, 266.942



71, 48.804, 295.776



50, 4.569, 260.705



39, 62.802, 287.652



11, 25.396, 281.404

Previews

White Background



This preview shows how the CIELCh color 88, 30.358, 74.351 looks on a white background.

Color Contrast Check

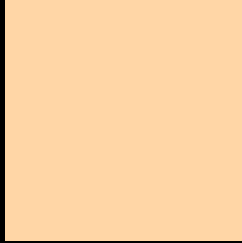
Large Text (above 18pt) WCAG AA × Fail

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, 30.358, 74.351 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, 30.358, 74.351

Background



This preview shows how black text looks on a background with the CIELCh color 88, 30.358, 74.351.



This preview shows how white text looks on a background with the CIELCh color 88, 30.358, 74.351.

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, 30.092, 74.997

Protanopia

88, 27.176, 94.526

Deuteranopia

88, 26.039, 68.854



Tritanopia
88, 18.146, 358.997

Trichromacy



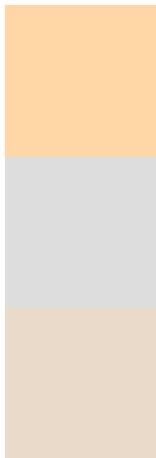
Original Color
88, 30.092, 74.997

Protanomaly
88, 27.834, 87.114

Deuteranomaly
88, 27.305, 70.702

Tritanomaly
88, 17.391, 36.036

Monochromacy



Original Color
88, 30.092, 74.997

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, 30.358, 74.351 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, 214, 166)` looks like.

```
.text, #text, p{  
    color:rgb(255, 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(255, 214, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 214, 166) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 30.358, 74.351 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, 214, 166) }
```

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

```
.border{ border-color:rgb(255, 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(255, 214, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 214, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 214, 166);  
box-shadow:4px 4px 4px 4px rgb(255, 214,  
166) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 30.358, 74.351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 214, 166) }
```

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

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