

Converting Colors

CIELCh(100, 67.424, 42.557)

Have a look what the booklet for
CIELCh(100, 67.424, 42.557)
contains.

CIELCh(88, 28.763, 73.550)	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, 28.763, 73.550)

Conversions

Conversions Part 1

Format	Color
Hex	FFD6A9
RGB	255, 214, 169
RGB Percent	100%, 84%, 66%
CMY	0.0008, 0.1616, 0.3380
CMYK	0.00, 0.16, 0.34, 0.00
HSL	31°, 99%, 83%
HSV	31°, 34%, 100%
XYZ	72.2978, 72.0653, 47.5378
YIQ	221.1290, 38.8810, -5.3030

Conversions

Conversions Part 2

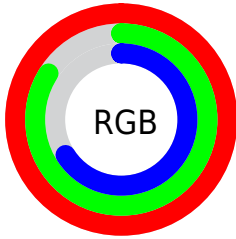
Format	Color
RYB	247, 255, 169
Decimal	16766633
CIELab	88.00, 8.15, 27.59
CIELCh	88, 28.763, 73.550
Yxy	72.0653, 0.3767, 0.3755
Android (android.graphics.Color)	4294956713 (0xFFFFD6A9)
YUV	221.1290, -25.6996, 29.7049
Hunter-Lab	84.8913, 3.4601, 26.2224

Details

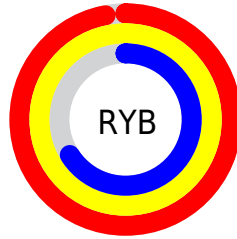
The CIELCh color **88, 28.763, 73.550** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **83, 26.509, 263.520**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 15.682, 108.992**, and **68, 28.491, 72.893** is the 20% darker color. If you saturate the color by 10%, you get **85, 38.090, 72.228**, and if you desaturate by 10%, it is **91, 19.801, 74.863**.

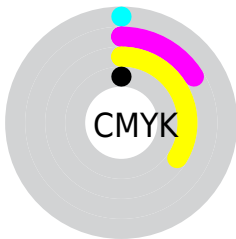
Distribution



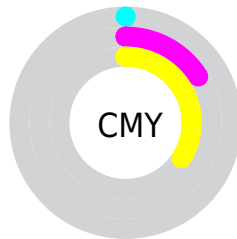
- Red (100%)
- Green (84%)
- Blue (66%)



- Red (97%)
- 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, 28.763, 73.550 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, 28.763, 73.550 by changing the saturation by 10% instead.

 88, 28.763, 73.550

 88, 28.763, 73.550

 100, 28.763,
73.550

 78, 28.763, 73.550

 68, 28.763, 73.550

 58, 28.763, 73.550

 48, 28.763, 73.550

 38, 28.763, 73.550

 28, 28.763, 73.550

 18, 28.763, 73.550

 8, 28.763, 73.550

 0, 28.763, 73.550

88, 28.763, 73.550

88, 28.763, 73.550

85, 38.090, 72.228

91, 19.801, 74.863

81, 47.716, 70.872

95, 11.214, 76.139

78, 57.470, 69.460

99, 2.987, 77.301

75, 66.976, 67.915

100, 0.075,
208.291

72, 75.506, 66.069

70, 81.922, 63.617

68, 84.720, 61.751

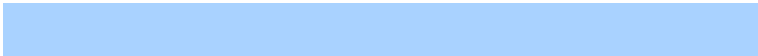
Harmonies

Complementary

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



88, 28.763, 73.550



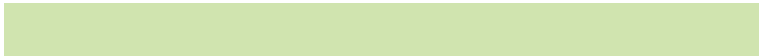
83, 26.509, 263.520

Rectangle

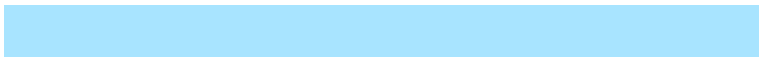
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88, 28.763, 73.550



88, 28.763, 123.550



88, 28.763, 253.550



88, 28.763, 303.550

Sweetspot

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



88, 28.763, 73.557



96, 8.097, 76.602



79, 38.169, 347.885



51, 5.541, 76.430



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, 28.763, 73.557



86, 34.579, 72.728



98, 43.020, 107.635



51, 4.598, 76.662



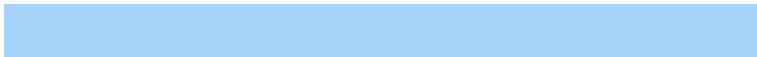
52, 68.071, 62.452



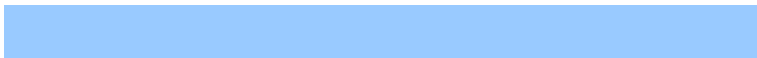
16, 27.020, 64.169

Inverse Universe

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



83, 26.509, 263.520



80, 31.341, 264.961



72, 46.834, 295.050



50, 4.512, 259.229



40, 61.081, 286.393



11, 24.755, 280.026

Previews

White Background



This preview shows how the CIELCh color 88, 28.763, 73.550 looks on a white background.

Color Contrast Check

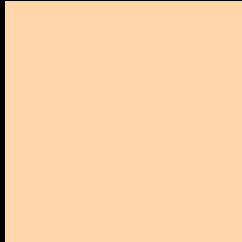
Large Text (above 18pt) WCAG AA × Fail

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, 28.763, 73.550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

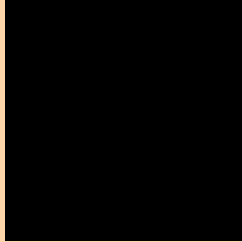
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 28.763, 73.550

Background



This preview shows how black text looks on a background with the CIELCh color 88, 28.763, 73.550.



This preview shows how white text looks on a background with the CIELCh color 88, 28.763, 73.550.

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





Tritanopia
88, 18.146, 358.997

Trichromacy



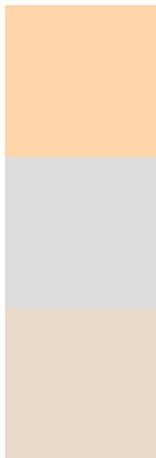
Original Color
88, 28.763, 73.550

Protanomaly
88, 26.380, 86.132

Deuteranomaly
88, 26.458, 69.491

Tritanomaly
88, 17.224, 34.421

Monochromacy



Original Color
88, 28.763, 73.550

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, 28.763, 73.550 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, 169)` looks like.

```
.text, #text, p{  
    color:rgb(255, 214, 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, 214, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 214, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 28.763, 73.550 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, 169) }
```

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

```
.border{ border-color:rgb(255, 214, 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, 214, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 214, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 214, 169);  
box-shadow:4px 4px 4px 4px rgb(255, 214,  
169) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 28.763, 73.550 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, 169) }
```

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

```
.background{ background-color: rgb(255,  
214, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor