

Converting Colors

CIELCh(88, 27.304, 67.617)

Have a look what the booklet for
CIELCh(88, 27.304, 67.617) contains.

CIELCh(88, 26.751, 68.824)	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, 26.751, 68.824)

Conversions

Conversions Part 1

Format	Color
Hex	FFD5AE
RGB	255, 213, 174
RGB Percent	100%, 84%, 68%
CMY	0.0000, 0.1649, 0.3180
CMYK	0.00, 0.16, 0.32, 0.00
HSL	29°, 100%, 84%
HSV	29°, 32%, 100%
XYZ	73.0217, 72.0653, 50.0637
YIQ	221.1120, 37.5510, -3.2250

Conversions

Conversions Part 2

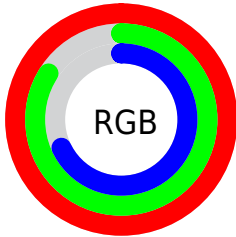
Format	Color
R _Y B	255, 249, 174
Decimal	16766382
CIE Lab	88.00, 9.66, 24.94
CIE LCh	88, 26.751, 68.824
Yxy	72.0653, 0.3742, 0.3693
Android (android.graphics.Color)	4294956462 (0xFFFFD5AE)
YUV	221.1120, -23.2262, 29.7198
Hunter-Lab	84.8913, 4.9823, 24.4583

Details

The CIELCh color **88, 26.751, 68.824** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **85, 23.962, 258.465**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 12.652, 109.221**, and **68, 26.530, 69.279** is the 20% darker color. If you saturate the color by 10%, you get **84, 35.718, 68.251**, and if you desaturate by 10%, it is **92, 17.695, 70.708**.

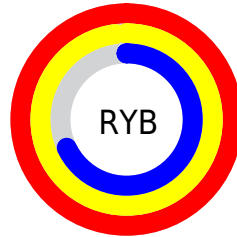
Distribution



Red (100%)

Green (84%)

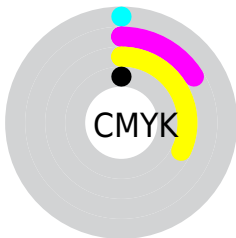
Blue (68%)



Red (100%)

Yellow (98%)

Blue (68%)

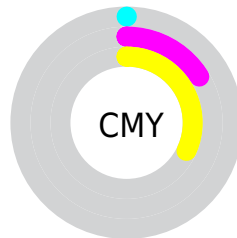


Cyan (0%)

Magenta (16%)

Yellow (32%)

Black (0%)



Cyan (0%)

Magenta (16%)

Yellow (32%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 26.751, 68.824 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, 26.751, 68.824 by changing the saturation by 10% instead.

 88, 26.751, 68.824

 88, 26.751, 68.824

 100, 26.751,
68.824

 78, 26.751, 68.824

 68, 26.751, 68.824

 58, 26.751, 68.824

 48, 26.751, 68.824

 38, 26.751, 68.824

 28, 26.751, 68.824

 18, 26.751, 68.824

 8, 26.751, 68.824

 0, 26.751, 68.824

88, 26.751, 68.824

88, 26.751, 68.824

84, 35.718, 68.251

92, 17.695, 70.708

81, 45.356, 67.012

95, 9.336, 71.910

77, 55.277, 65.745

99, 1.381, 72.836

74, 65.183, 64.383

100, 0.012,
296.813

71, 74.450, 62.771

68, 81.980, 60.604

66, 86.324, 58.279

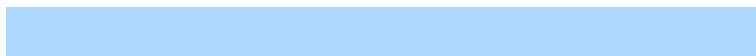
Harmonies

Complementary

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



88, 26.751, 68.824



85, 23.962, 258.465

Rectangle

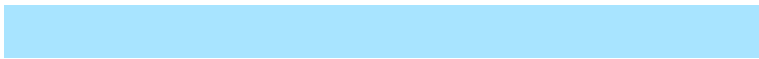
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88, 26.751, 68.824



88, 26.751, 118.824



88, 26.751, 248.824



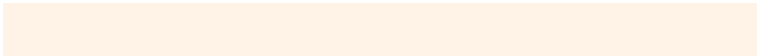
88, 26.751, 298.824

Sweetspot

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



88, 26.486, 69.483



96, 7.878, 72.120



80, 37.066, 344.808



51, 5.394, 71.956



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, 26.486, 69.483



86, 32.162, 68.719



98, 39.385, 105.618



51, 4.474, 72.177



50, 69.244, 58.990



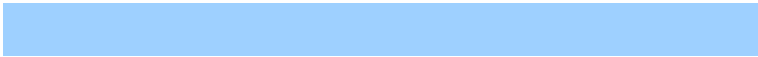
16, 27.035, 59.982

Inverse Universe

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



85, 23.962, 258.465



82, 28.460, 259.833



75, 42.403, 292.935



51, 4.362, 254.673



42, 56.165, 282.306



12, 22.951, 275.607

Previews

White Background



This preview shows how the CIELCh color 88, 26.751, 68.824 looks on a white background.

Color Contrast Check

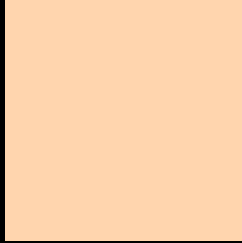
Large Text (above 18pt) WCAG AA × Fail

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, 26.751, 68.824 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, 26.751, 68.824

Background



This preview shows how black text looks on a background with the CIELCh color 88, 26.751, 68.824.



This preview shows how white text looks on a background with the CIELCh color 88, 26.751, 68.824.

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, 26.458, 69.491

Protanopia

88, 22.968, 94.569

Deuteranopia

88, 24.805, 66.805



Tritanopia
88, 18.678, 357.969

Trichromacy



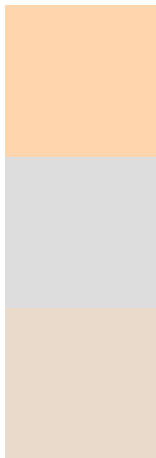
Original Color
88, 26.458, 69.491

Protanomaly
88, 23.519, 83.738

Deuteranomaly
88, 25.212, 67.512

Tritanomaly
88, 17.213, 29.231

Monochromacy



Original Color
88, 26.458, 69.491

Achromatopsia
88, 0.010, 296.813

Achromatomaly
88, 9.176, 71.985

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 26.751, 68.824 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, 174)` looks like.

```
.text, #text, p{  
    color:rgb(255, 213, 174)  
}
```

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, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 213, 174) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 26.751, 68.824 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, 174) }
```

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

```
.border{ border-color:rgb(255, 213, 174) }
```

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, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 213, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 213, 174);  
box-shadow:4px 4px 4px 4px rgb(255, 213,  
174) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 26.751, 68.824 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, 174) }
```

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

```
.background{ background-color: rgb(255,  
213, 174) }
```

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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