

Converting Colors

CIELCh(88, 23.193, 53.273)

Have a look what the booklet for
CIELCh(88, 23.193, 53.273) contains.

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Color

CIELCh(88, 21.683, 56.891)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | FFD4BB |
| RGB | 255, 212, 187 |
| RGB Percent | 100%, 83%, 73% |
| CMY | 0.0000, 0.1690, 0.2671 |
| CMYK | 0.00, 0.17, 0.27, 0.00 |
| HSL | 22°, 100%, 87% |
| HSV | 22°, 27%, 100% |
| XYZ | 74.0698, 72.0653, 56.9567 |
| YIQ | 222.0070, 33.6530, 1.3410 |

Conversions

Conversions Part 2

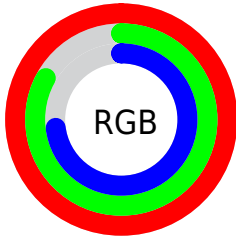
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 255, 227, 187 |
| Decimal | 16766139 |
| CIE Lab | 88.00, 11.84, 18.16 |
| CIE LCh | 88, 21.683, 56.891 |
| Yxy | 72.0653, 0.3647, 0.3548 |
| Android (android.graphics.Color) | 4294956219 (0xFFFFD4BB) |
| YUV | 222.0070, -17.2585, 28.9349 |
| Hunter-Lab | 84.8913, 7.1861, 19.6441 |

Details

The CIELCh color **88, 21.683, 56.891** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **89, 18.680, 243.257**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 6.073, 109.711**, and **68, 21.113, 56.842** is the 20% darker color. If you saturate the color by 10%, you get **84, 30.441, 56.686**, and if you desaturate by 10%, it is **92, 12.916, 58.348**.

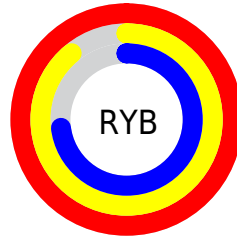
Distribution



Red (100%)

Green (83%)

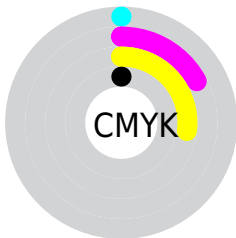
Blue (73%)



Red (100%)

Yellow (89%)

Blue (73%)

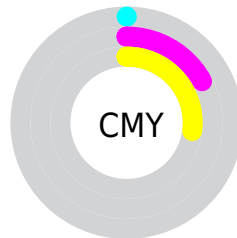


Cyan (0%)

Magenta (17%)

Yellow (27%)

Black (0%)



Cyan (0%)

Magenta (17%)

Yellow (27%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 21.683, 56.891 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, 21.683, 56.891 by changing the saturation by 10% instead.

 88, 21.683, 56.891

 88, 21.683, 56.891

 100, 21.683,
56.891

 78, 21.683, 56.891

 68, 21.683, 56.891

 58, 21.683, 56.891

 48, 21.683, 56.891

 38, 21.683, 56.891

 28, 21.683, 56.891

 18, 21.683, 56.891

 8, 21.683, 56.891

 0, 21.683, 56.891

88, 21.683, 56.891

88, 21.683, 56.891

84, 30.441, 56.686

92, 12.916, 58.348

79, 40.123, 55.937

97, 5.011, 59.186

75, 50.391, 55.253

100, 0.012,
296.813

71, 61.097, 54.603

68, 71.864, 53.886

65, 81.856, 52.848

62, 89.604, 51.009

61, 91.751, 50.335

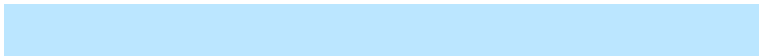
Harmonies

Complementary

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



88, 21.683, 56.891



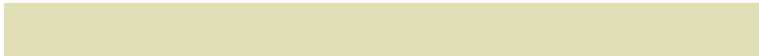
89, 18.680, 243.257

Rectangle

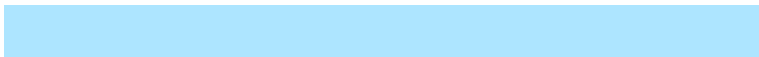
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88, 21.683, 56.891



88, 21.683, 106.891



88, 21.683, 236.891



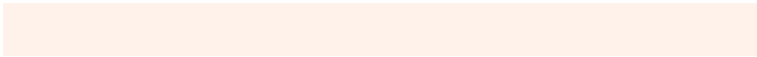
88, 21.683, 286.891

Sweetspot

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



88, 21.378, 57.495



96, 6.001, 59.086



83, 33.206, 339.208



51, 4.287, 58.964



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, 21.378, 57.495



86, 26.095, 57.060



96, 30.133, 101.177



51, 4.287, 58.964



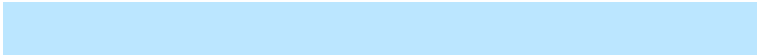
46, 73.450, 50.986



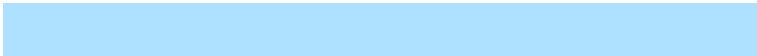
14, 27.762, 49.302

Inverse Universe

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



89, 18.680, 243.257



87, 22.113, 244.159



80, 31.498, 287.676



51, 4.108, 240.970



49, 44.563, 267.730



15, 18.885, 260.462

Previews

White Background



This preview shows how the CIELCh color 88, 21.683, 56.891 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, 21.683, 56.891 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, 21.683, 56.891

Background



This preview shows how black text looks on a background with the CIELCh color 88, 21.683, 56.891.



This preview shows how white text looks on a background with the CIELCh color 88, 21.683, 56.891.

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, 21.340, 57.525

Protanopia

88, 15.633, 93.385

Deuteranopia

88, 21.023, 58.170



Tritanopia
88, 18.860, 356.495

Trichromacy



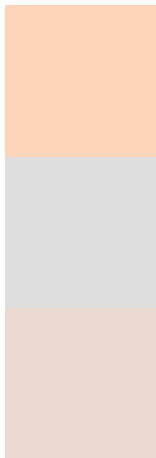
Original Color
88, 21.340, 57.525

Protanomaly
88, 16.621, 76.938

Deuteranomaly
88, 21.023, 58.170

Tritanomaly
88, 17.220, 18.952

Monochromacy



Original Color
88, 21.340, 57.525

Achromatopsia
88, 0.011, 296.813

Achromatomaly
88, 7.537, 57.982

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 21.683, 56.891 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, 212, 187)` looks like.

```
.text, #text, p{  
    color:rgb(255, 212, 187)  
}
```

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, 212, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 212, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 21.683, 56.891 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, 212, 187) }
```

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

```
.border{ border-color:rgb(255, 212, 187) }
```

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

Here you see how a box with a 4 pixel rgb(255, 212, 187) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 212, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 212, 187);  
box-shadow:4px 4px 4px 4px rgb(255, 212,  
187) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 21.683, 56.891 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 212, 187) }
```

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

```
.background{ background-color: rgb(255,  
212, 187) }
```

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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