

Converting Colors

CIELCh(88, 23.688, 64.946)

Have a look what the booklet for
CIELCh(88, 23.688, 64.946) contains.

CIELCh(88, 23.608, 64.529)	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, 23.608, 64.529)

Conversions

Conversions Part 1

Format	Color
Hex	FFD5B5
RGB	255, 213, 181
RGB Percent	100%, 84%, 71%
CMY	0.0007, 0.1653, 0.2908
CMYK	0.00, 0.16, 0.29, 0.00
HSL	26°, 100%, 85%
HSV	26°, 29%, 100%
XYZ	73.2560, 72.0653, 53.6805
YIQ	221.9100, 35.3040, -1.0480

Conversions

Conversions Part 2

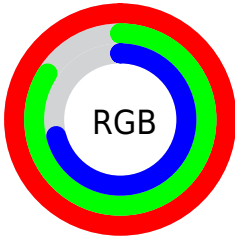
Format	Color
R _Y B	255, 237, 181
Decimal	16766389
CIE Lab	88.00, 10.15, 21.31
CIE LCh	88, 23.608, 64.529
Yxy	72.0653, 0.3681, 0.3621
Android (android.graphics.Color)	4294956469 (0xFFFFD5B5)
YUV	221.9100, -20.1686, 29.0199
Hunter-Lab	84.8913, 5.4750, 21.9322

Details

The CIELCh color **88, 23.608, 64.529** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **87, 21.026, 252.055**, and the grayscale version is **88, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 9.112, 109.487**, and **68, 23.505, 64.189** is the 20% darker color. If you saturate the color by 10%, you get **84, 32.712, 63.458**, and if you desaturate by 10%, it is **92, 15.021, 65.629**.

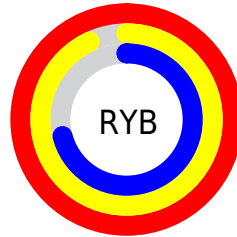
Distribution



Red (100%)

Green (84%)

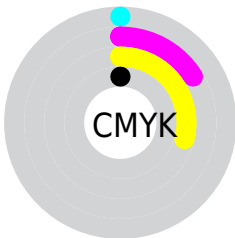
Blue (71%)



Red (100%)

Yellow (93%)

Blue (71%)

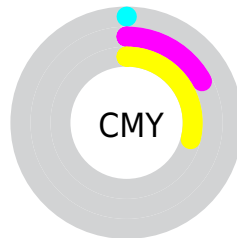


Cyan (0%)

Magenta (16%)

Yellow (29%)

Black (0%)



Cyan (0%)

Magenta (17%)

Yellow (29%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 23.608, 64.529 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, 23.608, 64.529 by changing the saturation by 10% instead.

 88, 23.608, 64.529

 88, 23.608, 64.529

 100, 23.608,
64.529

 78, 23.608, 64.529

 68, 23.608, 64.529

 58, 23.608, 64.529

 48, 23.608, 64.529

 38, 23.608, 64.529

 28, 23.608, 64.529

 18, 23.608, 64.529

 8, 23.608, 64.529

 0, 23.608, 64.529

88, 23.608, 64.529

88, 23.608, 64.529

84, 32.712, 63.458

92, 15.021, 65.629

80, 42.329, 62.400

96, 6.922, 66.703

77, 52.385, 61.353

100, 0.058,
210.816

73, 62.671, 60.267

70, 72.699, 59.016

67, 81.501, 57.318

64, 87.876, 54.822

64, 88.445, 54.586

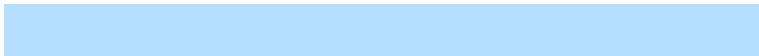
Harmonies

Complementary

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



88, 23.608, 64.529



87, 21.026, 252.055

Rectangle

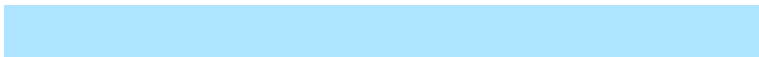
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88, 23.608, 64.529



88, 23.608, 114.529



88, 23.608, 244.529



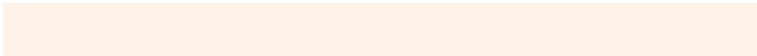
88, 23.608, 294.529

Sweetspot

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



88, 23.608, 64.537



96, 6.899, 66.706



82, 34.908, 341.874



51, 4.815, 66.554



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, 23.608, 64.537



86, 28.992, 63.891



97, 34.335, 103.532



51, 4.365, 66.654



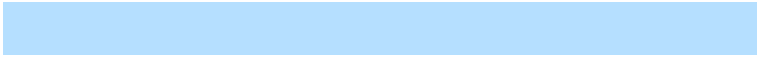
49, 70.908, 55.284



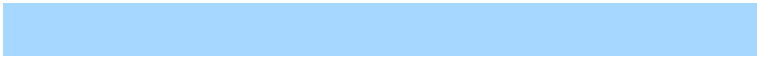
15, 27.233, 55.231

Inverse Universe

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



87, 21.026, 252.055



84, 25.126, 253.256



78, 36.393, 290.391



51, 4.223, 248.995



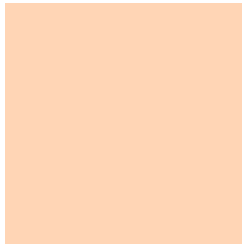
45, 50.813, 276.733



13, 21.036, 269.701

Previews

White Background



This preview shows how the CIE LCh color 88, 23.608, 64.529 looks on a white background.

Color Contrast Check

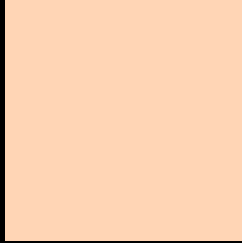
Large Text (above 18pt) WCAG AA × Fail

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, 23.608, 64.529 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, 23.608, 64.529

Background



This preview shows how black text looks on a background with the CIELCh color 88, 23.608, 64.529.



This preview shows how white text looks on a background with the CIELCh color 88, 23.608, 64.529.

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, 23.608, 64.529

Protanopia
88, 18.850, 93.271

Deuteranopia
88, 22.834, 62.872



Tritanopia
88, 18.320, 357.471

Trichromacy



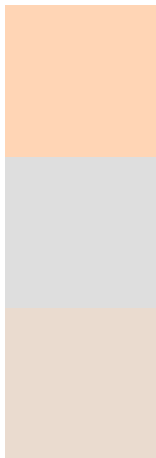
Original Color
88, 23.608, 64.529

Protanomaly
88, 20.032, 80.990

Deuteranomaly
88, 23.218, 63.715

Tritanomaly
88, 16.944, 24.115

Monochromacy



Original Color
88, 23.608, 64.529

Achromatopsia
88, 0.011, 296.813

Achromatomaly
88, 8.352, 67.810

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 23.608, 64.529 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, 181)` looks like.

```
.text, #text, p{  
    color:rgb(255, 213, 181)  
}
```

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, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 213, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 23.608, 64.529 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, 181) }
```

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

```
.border{ border-color:rgb(255, 213, 181) }
```

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, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 213, 181); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 213, 181); box-shadow:4px 4px 4px 4px rgb(255, 213, 181) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 23.608, 64.529 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, 181) }
```

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

```
.background{ background-color: rgb(255,  
213, 181) }
```

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