

Converting Colors

CIELCh(84, 23.464, 48.435)

Have a look what the booklet for
CIELCh(84, 23.464, 48.435) contains.

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Color

CIELCh(84, 23.488, 48.447)

Conversions

Conversions Part 1

Format	Color
Hex	FAC6B1
RGB	250, 198, 177
RGB Percent	98%, 78%, 69%
CMY	0.0185, 0.2225, 0.3049
CMYK	0.00, 0.21, 0.29, 0.02
HSL	17°, 89%, 84%
HSV	17°, 29%, 98%
XYZ	67.7371, 64.0658, 50.5233
YIQ	211.1540, 37.7330, 4.4930

Conversions

Conversions Part 2

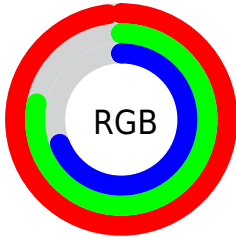
Format	Color
RYB	250, 206, 177
Decimal	16434865
CIELab	84.00, 15.58, 17.58
CIELCh	84, 23.488, 48.447
Yxy	64.0658, 0.3715, 0.3514
Android (android.graphics.Color)	4294624945 (0xFFFA6B1)
YUV	211.1540, -16.8379, 34.0679
Hunter-Lab	80.0411, 10.9888, 18.6039

Details

The CIELCh color **84, 23.488, 48.447** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **88, 19.587, 232.767**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 11.136, 109.335**, and **64, 23.471, 48.919** is the 20% darker color. If you saturate the color by 10%, you get **79, 32.825, 48.106**, and if you desaturate by 10%, it is **89, 14.836, 48.902**.

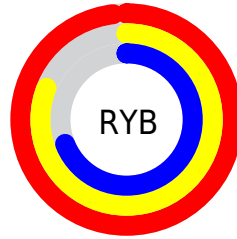
Distribution



Red (98%)

Green (78%)

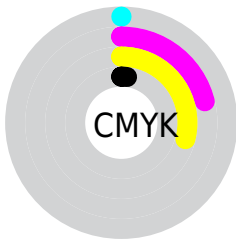
Blue (69%)



Red (98%)

Yellow (81%)

Blue (69%)

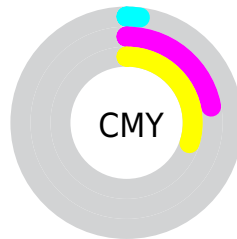


Cyan (0%)

Magenta (21%)

Yellow (29%)

Black (2%)



Cyan (2%)

Magenta (22%)

Yellow (30%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 23.488, 48.447 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 84, 23.488, 48.447 by changing the saturation by 10% instead.

 84, 23.488, 48.447

 84, 23.488, 48.447

 100, 23.488,
48.447

 74, 23.488, 48.447

 64, 23.488, 48.447

 54, 23.488, 48.447

 44, 23.488, 48.447

 34, 23.488, 48.447

 24, 23.488, 48.447

 14, 23.488, 48.447

 4, 23.488, 48.447

 0, 23.488, 48.447

84, 23.488, 48.447

84, 23.488, 48.447

79, 32.825, 48.106

89, 14.836, 48.902

75, 42.864, 47.883

94, 6.828, 49.400

71, 53.554, 47.795

99, 0.596, 231.110

67, 64.720, 47.816

100, 1.640,
199.705

63, 75.920, 47.822

60, 86.154, 47.485

57, 93.893, 46.332

57, 94.480, 46.254

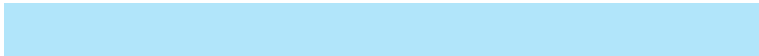
Harmonies

Complementary

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



84, 23.488, 48.447



88, 19.587, 232.767

Rectangle

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



84, 23.488, 48.447



84, 23.488, 98.447



84, 23.488, 228.447



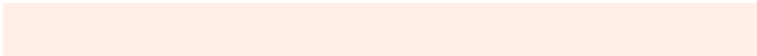
84, 23.488, 278.447

Sweetspot

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



84, 23.487, 48.455



95, 6.795, 49.408



81, 37.808, 335.703



50, 4.748, 49.337



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



84, 23.487, 48.455



83, 29.285, 48.236



93, 29.918, 95.894



50, 4.230, 49.385



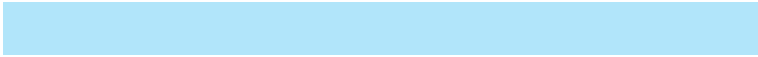
43, 75.929, 46.804



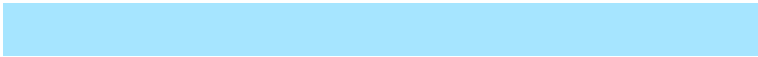
12, 27.487, 42.389

Inverse Universe

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



88, 19.587, 232.767



88, 23.407, 233.584



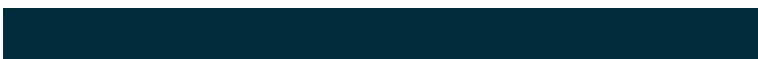
79, 30.828, 283.582



50, 4.013, 230.798



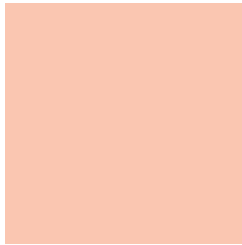
53, 38.346, 253.874



16, 16.541, 246.630

Previews

White Background



This preview shows how the CIELCh color 84, 23.488, 48.447 looks on a white background.

Color Contrast Check

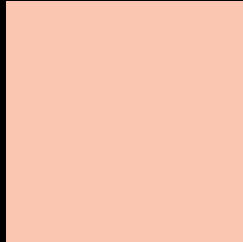
Large Text (above 18pt) WCAG AA × Fail

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 84, 23.488, 48.447 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 84, 23.488, 48.447

Background



This preview shows how black text looks on a background with the CIELCh color 84, 23.488, 48.447.

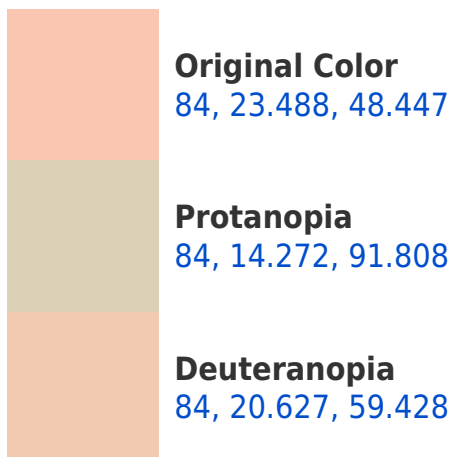


This preview shows how white text looks on a background with the CIELCh color 84, 23.488, 48.447.

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
84, 23.653, 2.040

Trichromacy



Original Color
84, 23.488, 48.447

Protanomaly
84, 16.196, 70.586

Deuteranomaly
84, 21.586, 55.785

Tritanomaly
84, 21.742, 19.738

Monochromacy



Original Color
84, 23.488, 48.447

Achromatopsia
85, 0.010, 296.813

Achromatomaly
84, 7.997, 47.105

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 23.488, 48.447 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(250, 198, 177)` looks like.

```
.text, #text, p{  
    color:rgb(250, 198, 177)  
}
```

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(250, 198, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 198, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 23.488, 48.447 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(250, 198, 177) }
```

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

```
.border{ border-color:rgb(250, 198, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 198, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 198, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 198, 177);  
box-shadow:4px 4px 4px 4px rgb(250, 198,  
177) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 23.488, 48.447 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 198, 177) }
```

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

```
.background{ background-color: rgb(250,  
198, 177) }
```

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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