

Converting Colors

CIELCh(88, 39.660, 26.479)

Have a look what the booklet for
CIELCh(88, 39.660, 26.479) contains.

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Color

CIELCh(84, 23.809, 27.482)

Conversions

Conversions Part 1

Format	Color
Hex	FFC3BE
RGB	255, 195, 190
RGB Percent	100%, 76%, 75%
CMY	0.0000, 0.2361, 0.2557
CMYK	0.00, 0.24, 0.26, 0.00
HSL	5°, 100%, 87%
HSV	5°, 26%, 100%
XYZ	70.2903, 64.0658, 57.2527
YIQ	212.3700, 37.3650, 11.1650

Conversions

Conversions Part 2

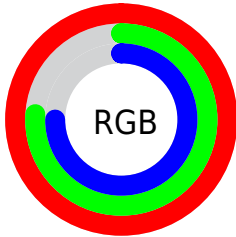
Format	Color
R _Y B	255, 195, 190
Decimal	16761790
CIE Lab	84.00, 21.12, 10.99
CIE LCh	84, 23.809, 27.482
Yxy	64.0658, 0.3668, 0.3344
Android (android.graphics.Color)	4294951870 (0xFFFFC3BE)
YUV	212.3700, -11.0284, 37.3865
Hunter-Lab	80.0411, 16.6828, 13.6192

Details

The CIELCh color **84, 23.809, 27.482** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **95, 19.613, 205.833**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 3.207, 90.598**, and **64, 23.288, 27.067** is the 20% darker color. If you saturate the color by 10%, you get **78, 33.999, 28.428**, and if you desaturate by 10%, it is **90, 13.715, 26.908**.

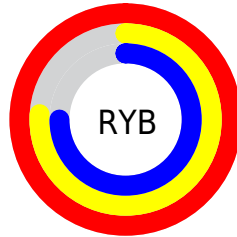
Distribution



Red (100%)

Green (76%)

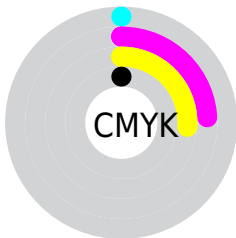
Blue (75%)



Red (100%)

Yellow (76%)

Blue (75%)

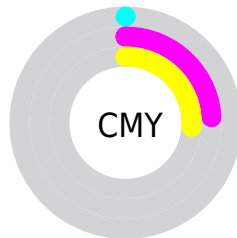


Cyan (0%)

Magenta (24%)

Yellow (26%)

Black (0%)



Cyan (0%)

Magenta (24%)

Yellow (26%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 23.809, 27.482 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, 23.809, 27.482 by changing the saturation by 10% instead.

 84, 23.809, 27.482

 84, 23.809, 27.482

 100, 23.809,
27.482

 74, 23.809, 27.482

 64, 23.809, 27.482

 54, 23.809, 27.482

 44, 23.809, 27.482

 34, 23.809, 27.482

 24, 23.809, 27.482

 14, 23.809, 27.482

 4, 23.809, 27.482

 0, 23.809, 27.482

84, 23.809, 27.482

84, 23.809, 27.482

78, 33.999, 28.428

90, 13.715, 26.908

72, 45.249, 29.611

96, 4.710, 26.371

67, 57.093, 31.180

100, 0.012,
296.813

63, 69.284, 33.194

59, 81.390, 35.622

56, 92.569, 38.177

54, 100.981,
40.037

54, 103.538,
40.617

Harmonies

Complementary

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



84, 23.809, 27.482



95, 19.613, 205.833

Rectangle

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



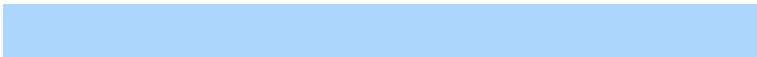
84, 23.809, 27.482



84, 23.809, 77.482



84, 23.809, 207.482



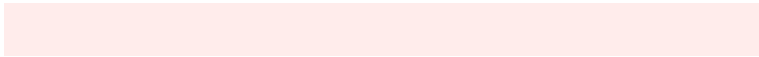
84, 23.809, 257.482

Sweetspot

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



84, 23.473, 27.553



95, 6.827, 26.508



84, 39.090, 327.745



50, 4.882, 26.587



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, 23.473, 27.553



81, 29.090, 27.995



92, 22.031, 78.923



50, 4.882, 26.587



40, 83.140, 40.810



10, 31.883, 30.938

Inverse Universe

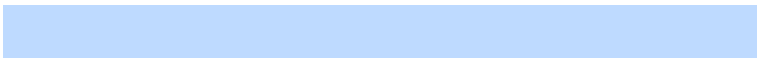
The Inverse Universe completely reimagines the original color for something new.



95, 19.613, 205.833



94, 23.273, 205.796



86, 21.127, 266.259



52, 4.588, 206.153



66, 36.674, 209.688



22, 17.031, 207.936

Previews

White Background



This preview shows how the CIELCh color 84, 23.809, 27.482 looks on a white background.

Color Contrast Check

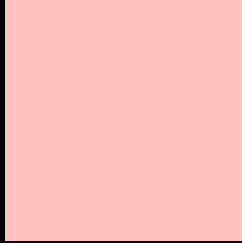
Large Text (above 18pt) WCAG AA × Fail

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, 23.809, 27.482 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, 23.809, 27.482

Background



This preview shows how black text looks on a background with the CIELCh color 84, 23.809, 27.482.

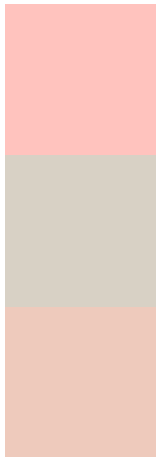


This preview shows how white text looks on a background with the CIELCh color 84, 23.809, 27.482.

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

84, 23.387, 27.552

Protanopia

84, 6.804, 87.071

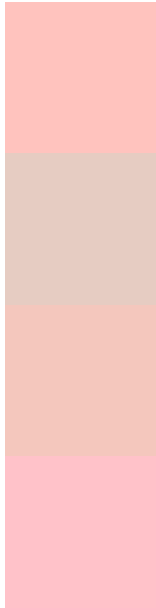
Deuteranopia

84, 15.749, 47.940



Tritanopia
84, 24.273, 3.912

Trichromacy



Original Color
84, 23.387, 27.552

Protanomaly
84, 11.179, 47.924

Deuteranomaly
84, 18.187, 37.285

Tritanomaly
84, 23.347, 12.322

Monochromacy



Original Color
84, 23.387, 27.552

Achromatopsia
85, 0.010, 296.813

Achromatomaly
84, 8.240, 27.236

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 23.809, 27.482 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, 195, 190)` looks like.

```
.text, #text, p{  
    color:rgb(255, 195, 190)  
}
```

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, 195, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 195, 190) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 23.809, 27.482 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, 195, 190) }
```

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

```
.border{ border-color:rgb(255, 195, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 195, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 195, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 195, 190);  
box-shadow:4px 4px 4px 4px rgb(255, 195,  
190) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 23.809, 27.482 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 195, 190) }
```

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

```
.background{ background-color: rgb(255,  
195, 190) }
```

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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