

Converting Colors

CIELCh(92, 52.385, 28.661)

Have a look what the booklet for
CIELCh(92, 52.385, 28.661) contains.

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Color

CIELCh(84, 23.663, 33.773)

Conversions

Conversions Part 1

Format	Color
Hex	FFC4BA
RGB	255, 196, 186
RGB Percent	100%, 77%, 73%
CMY	0.0013, 0.2326, 0.2718
CMYK	0.00, 0.23, 0.27, 0.00
HSL	9°, 99%, 86%
HSV	9°, 27%, 100%
XYZ	69.6151, 64.0658, 54.9776
YIQ	212.5010, 38.3740, 9.3980

Conversions

Conversions Part 2

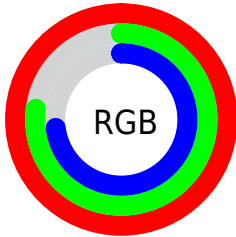
Format	Color
R _Y B	255, 198, 186
Decimal	16762042
CIE Lab	84.00, 19.67, 13.15
CIE LCh	84, 23.663, 33.773
Yxy	64.0658, 0.3690, 0.3396
Android (android.graphics.Color)	4294952122 (0xFFFFC4BA)
YUV	212.5010, -13.0650, 37.2716
Hunter-Lab	80.0411, 15.1770, 15.3044

Details

The CIELCh color **84, 23.663, 33.773** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **93, 19.528, 213.711**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 5.612, 102.456**, and **64, 23.599, 33.606** is the 20% darker color. If you saturate the color by 10%, you get **78, 33.785, 34.295**, and if you desaturate by 10%, it is **90, 14.306, 33.454**.

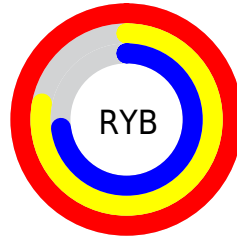
Distribution



Red (100%)

Green (77%)

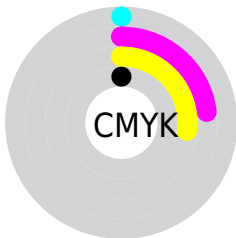
Blue (73%)



Red (100%)

Yellow (78%)

Blue (73%)

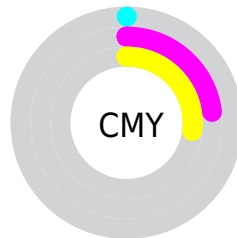


Cyan (0%)

Magenta (23%)

Yellow (27%)

Black (0%)



Cyan (0%)

Magenta (23%)

Yellow (27%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 23.663, 33.773 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, 23.663, 33.773 by changing the saturation by 10% instead.

 84, 23.663, 33.773

 84, 23.663, 33.773

 100, 23.663,
33.773

 74, 23.663, 33.773

 64, 23.663, 33.773

 54, 23.663, 33.773

 44, 23.663, 33.773

 34, 23.663, 33.773

 24, 23.663, 33.773

 14, 23.663, 33.773

 4, 23.663, 33.773

 0, 23.663, 33.773

84, 23.663, 33.773

84, 23.663, 33.773

78, 33.785, 34.295

90, 14.306, 33.454

73, 44.665, 35.059

96, 5.688, 33.230

68, 56.218, 36.123

100, 0.116,
205.116

64, 68.238, 37.510

60, 80.301, 39.153

57, 91.478, 40.739

55, 99.833, 41.507

55, 101.743,
41.686

Harmonies

Complementary

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



84, 23.663, 33.773



93, 19.528, 213.711

Rectangle

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



84, 23.663, 33.773



84, 23.663, 83.773



84, 23.663, 213.773



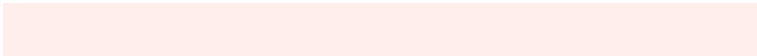
84, 23.663, 263.773

Sweetspot

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



84, 23.661, 33.780



95, 6.455, 33.252



83, 39.497, 329.942



50, 4.616, 33.286



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, 23.661, 33.780



81, 29.588, 34.058



92, 24.579, 84.814



50, 4.616, 33.286



41, 81.651, 41.998



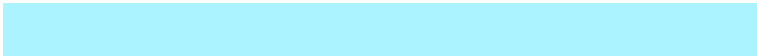
11, 30.782, 34.293

Inverse Universe

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



93, 19.528, 213.711



92, 23.265, 213.934



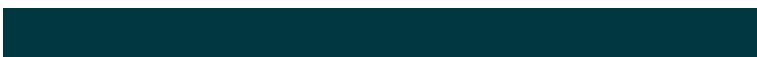
84, 24.142, 272.573



52, 4.340, 213.422



62, 35.140, 223.657



20, 16.262, 219.936

Previews

White Background



This preview shows how the CIELCh color 84, 23.663, 33.773 looks on a white background.

Color Contrast Check

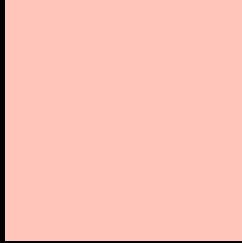
Large Text (above 18pt) WCAG AA × Fail

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 84, 23.663, 33.773 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, 23.663, 33.773

Background



This preview shows how black text looks on a background with the CIELCh color 84, 23.663, 33.773.



This preview shows how white text looks on a background with the CIELCh color 84, 23.663, 33.773.

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, 23.663, 33.773

Protanopia

84, 9.042, 87.460

Deuteranopia

84, 17.272, 53.214



Tritanopia
84, 24.273, 3.912

Trichromacy



Original Color
84, 23.663, 33.773

Protanomaly
84, 12.695, 55.231

Deuteranomaly
84, 19.273, 44.489

Tritanomaly
84, 23.301, 14.873

Monochromacy



Original Color
84, 23.663, 33.773

Achromatopsia
85, 0.010, 296.813

Achromatomaly
84, 8.466, 34.241

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 23.663, 33.773 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, 196, 186)` looks like.

```
.text, #text, p{  
    color:rgb(255, 196, 186)  
}
```

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, 196, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 196, 186) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 23.663, 33.773 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, 196, 186) }
```

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

```
.border{ border-color:rgb(255, 196, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 196, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 196, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 196, 186); box-shadow:4px 4px 4px 4px rgb(255, 196, 186) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 23.663, 33.773 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 196, 186) }
```

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

```
.background{ background-color: rgb(255,  
196, 186) }
```

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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