

Converting Colors

CIELCh(84, 26.020, 356.323)

Have a look what the booklet for
CIELCh(84, 26.020, 356.323)
contains.

CIELCh(84, 25.703, 356.292)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(84, 25.703, 356.292)

Conversions

Conversions Part 1

Format	Color
Hex	FFC0D5
RGB	255, 192, 213
RGB Percent	100%, 75%, 84%
CMY	0.0000, 0.2453, 0.1630
CMYK	0.00, 0.25, 0.16, 0.00
HSL	340°, 100%, 88%
HSV	340°, 25%, 100%
XYZ	72.4227, 64.0658, 71.7938
YIQ	213.2310, 30.8070, 19.8870

Conversions

Conversions Part 2

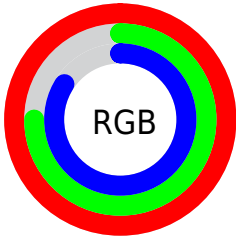
Format	Color
R_{YB}	255, 192, 213
Decimal	16761045
CIE _{Lab}	84.00, 25.65, -1.66
CIE _{LCh}	84, 25.703, 356.292
Yxy	64.0658, 0.3477, 0.3076
Android (android.graphics.Color)	4294951125 (0xFFFFC0D5)
YUV	213.2310, -0.1139, 36.6314
Hunter-Lab	80.0411, 21.4383, 2.8479

Details

The CIELCh color **84, 25.703, 356.292** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **95, 23.974, 171.147**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 3.736, 324.489**, and **64, 25.487, 356.539** is the 20% darker color. If you saturate the color by 10%, you get **78, 36.367, 357.486**, and if you desaturate by 10%, it is **90, 14.890, 354.927**.

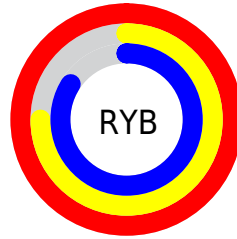
Distribution



Red (100%)

Green (75%)

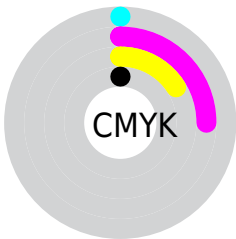
Blue (84%)



Red (100%)

Yellow (75%)

Blue (84%)

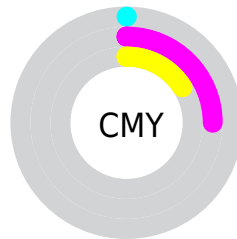


Cyan (0%)

Magenta (25%)

Yellow (16%)

Black (0%)



Cyan (0%)


Magenta (25%)


Yellow (16%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 84, 25.703, 356.292 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, 25.703, 356.292 by changing the saturation by 10% instead.


 84, 25.703,
356.292


 84, 25.703,
356.292


 100, 25.703,
356.292


 74, 25.703,
356.292

 64, 25.703,
356.292

 54, 25.703,
356.292

 44, 25.703,
356.292

 34, 25.703,
356.292

 24, 25.703,
356.292

 14, 25.703,

356.292

■ 4, 25.703, 356.292

■ 0, 25.703, 356.292

■ 84, 25.703,
356.292

■ 84, 25.703,
356.292

■ 78, 36.367,
357.486

■ 90, 14.890,
354.927

■ 72, 47.104,
359.134

■ 97, 4.559, 353.831

■ 67, 57.372, 1.155

100, 0.012,
296.813

■ 62, 66.681, 3.687

■ 59, 74.521, 6.903

■ 56, 80.550, 10.982

■ 54, 84.841, 16.020

■ 54, 86.805, 19.050

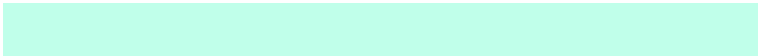
Harmonies

Complementary

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



84, 25.703, 356.292



95, 23.974, 171.147

Rectangle

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



84, 25.703, 356.292



84, 25.703, 46.292



84, 25.703, 176.292



84, 25.703, 226.292

Sweetspot

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



84, 25.543, 356.109



95, 7.073, 354.112



83, 35.950, 315.189



50, 4.601, 354.177



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, 25.543, 356.109



81, 30.371, 356.696



86, 21.147, 34.164



50, 5.772, 354.381



40, 69.592, 17.972



10, 31.341, 10.123

Inverse Universe

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



84, 25.543, 356.109



81, 30.371, 356.696



94, 17.812, 214.241



50, 5.772, 354.381



40, 69.592, 17.972



10, 31.341, 10.123

Previews

White Background



This preview shows how the CIELCh color 84, 25.703, 356.292 looks on a white background.

Color Contrast Check

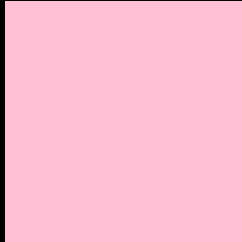
Large Text (above 18pt) WCAG AA × Fail

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, 25.703, 356.292 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, 25.703, 356.292

Background



This preview shows how black text looks on a background with the CIELCh color 84, 25.703, 356.292.



This preview shows how white text looks on a background with the CIELCh color 84, 25.703, 356.292.

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, 25.703, 356.292

Protanopia

84, 7.961, 295.945

Deuteranopia

84, 10.447, 356.476



Tritanopia
84, 24.034, 2.391

Trichromacy



Original Color
84, 25.703, 356.292

Protanomaly
84, 12.893, 333.006

Deuteranomaly
84, 15.907, 355.287

Tritanomaly
84, 24.315, 0.019

Monochromacy



Original Color
84, 25.703, 356.292

Achromatopsia
86, 0.010, 296.813

Achromatomaly
85, 9.415, 353.627

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 25.703, 356.292 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, 192, 213)` looks like.

```
.text, #text, p{  
    color:rgb(255, 192, 213)  
}
```

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, 192, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 192, 213) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 25.703, 356.292 is called "border". The border property can be set on classes, ids or directly on the HTML element.

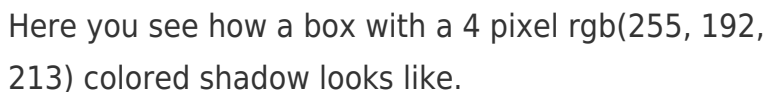
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 192, 213) }
```

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

```
.border{ border-color:rgb(255, 192, 213) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 192, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 192, 213); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 192, 213); box-shadow:4px 4px 4px 4px rgb(255, 192, 213) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 25.703, 356.292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 192, 213) }
```

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

```
.background{ background-color: rgb(255,  
192, 213) }
```

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