

Converting Colors

CIELCh(83, 29.317, 351.566)

Have a look what the booklet for
CIELCh(83, 29.317, 351.566)
contains.

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Color

CIElCh(83, 29.140, 350.469)

Conversions

Conversions Part 1

Format	Color
Hex	FFBCD9
RGB	255, 188, 217
RGB Percent	100%, 74%, 85%
CMY	0.0000, 0.2643, 0.1506
CMYK	0.00, 0.26, 0.15, 0.00
HSL	334°, 100%, 87%
HSV	334°, 26%, 100%
XYZ	71.8430, 62.1629, 73.5886
YIQ	211.3390, 30.6230, 23.2230

Conversions

Conversions Part 2

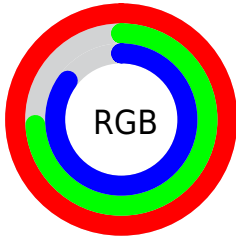
Format	Color
R _Y B	255, 188, 217
Decimal	16760025
CIE Lab	83.00, 28.74, -4.83
CIE LCh	83, 29.140, 350.469
Yxy	62.1629, 0.3461, 0.2994
Android (android.graphics.Color)	4294950105 (0xFFFFBCD9)
YUV	211.3390, 2.7909, 38.2907
Hunter-Lab	78.8435, 24.6750, -0.1479

Details

The CIELCh color **83, 29.140, 350.469** is a light color, and the websafe version is hex **FFCCFF**, and the color name is **cotton candy**. A complement of this color would be **95, 27.636, 165.057**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 6.227, 324.609**, and **63, 28.708, 349.950** is the 20% darker color. If you saturate the color by 10%, you get **77, 40.084, 351.476**, and if you desaturate by 10%, it is **89, 17.800, 349.091**.

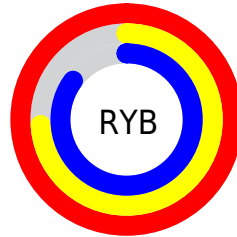
Distribution



Red (100%)

Green (74%)

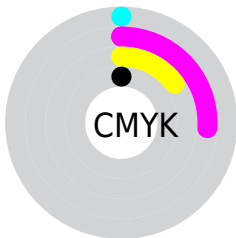
Blue (85%)



Red (100%)

Yellow (74%)

Blue (85%)

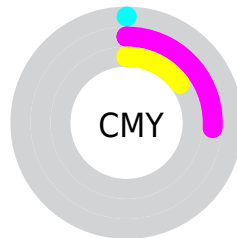


Cyan (0%)

Magenta (26%)

Yellow (15%)

Black (0%)



Cyan (0%)

Magenta (26%)

Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 83, 29.140, 350.469 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 83, 29.140, 350.469 by changing the saturation by 10% instead.

 83, 29.140,
350.469

 83, 29.140,
350.469

 100, 29.140,
350.469


 73, 29.140,
350.469

 63, 29.140,
350.469

 53, 29.140,
350.469

 43, 29.140,
350.469

 33, 29.140,
350.469

 23, 29.140,
350.469

 13, 29.140,

350.469

■ 3, 29.140, 350.469

■ 0, 29.140, 350.469

■ 83, 29.140,
350.469

■ 83, 29.140,
350.469

■ 77, 40.084,
351.476

■ 89, 17.800,
349.091

■ 71, 50.920,
352.979

■ 96, 6.870, 348.077

■ 66, 60.997,
354.795

100, 0.012,
296.813

■ 62, 69.762,
357.046

■ 59, 76.658,

359.890

■ 56, 81.331, 3.511

■ 55, 83.889, 8.052

■ 54, 84.577, 9.818

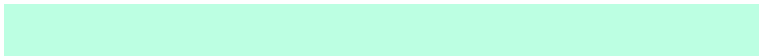
Harmonies

Complementary

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



83, 29.140, 350.469



95, 27.636, 165.057

Rectangle

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



83, 29.140, 350.469



83, 29.140, 40.469



83, 29.140, 170.469



83, 29.140, 220.469

Sweetspot

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



83, 28.939, 350.201



95, 8.566, 348.236



81, 38.169, 312.562



50, 6.101, 348.387



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



83, 28.939, 350.201



80, 35.162, 350.887



83, 24.562, 26.759



50, 6.101, 348.387



41, 68.058, 8.852



10, 31.391, 2.225

Inverse Universe

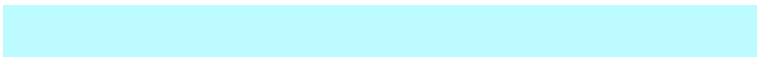
The Inverse Universe completely reimagines the original color for something new.



83, 28.939, 350.201



80, 35.162, 350.887



95, 20.395, 204.726



50, 6.101, 348.387



41, 68.058, 8.852



10, 31.391, 2.225

Previews

White Background



This preview shows how the CIELCh color 83, 29.140, 350.469 looks on a white background.

Color Contrast Check

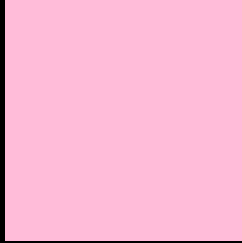
Large Text (above 18pt) WCAG AA × Fail

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 83, 29.140, 350.469 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 83, 29.140, 350.469

Background



This preview shows how black text looks on a background with the CIELCh color 83, 29.140, 350.469.



This preview shows how white text looks on a background with the CIELCh color 83, 29.140, 350.469.

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
83, 28.804, 350.030

Protanopia
83, 12.171, 289.602

Deuteranopia
83, 10.856, 341.069



Tritanopia
83, 25.071, 4.555

Trichromacy



Original Color
83, 28.804, 350.030



Protanomaly
83, 15.823, 323.937



Deuteranomaly
83, 17.431, 345.787



Tritanomaly
83, 26.279, 358.176

Monochromacy



Original Color
83, 28.804, 350.030



Achromatopsia
85, 0.010, 296.813



Achromatomaly
84, 10.841, 347.956

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 29.140, 350.469 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, 188, 217)` looks like.

```
.text, #text, p{  
    color:rgb(255, 188, 217)  
}
```

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, 188, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 188, 217) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 29.140, 350.469 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, 188, 217) }
```

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

```
.border{ border-color:rgb(255, 188, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 188, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 188, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 188, 217);  
box-shadow:4px 4px 4px 4px rgb(255, 188,  
217) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 29.140, 350.469 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 188, 217) }
```

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

```
.background{ background-color: rgb(255,  
188, 217) }
```

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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