

Converting Colors

CIELCh(83, 26.349, 5.637)

Have a look what the booklet for
CIELCh(83, 26.349, 5.637) contains.

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Color

CIELCh(83, 25.828, 5.143)

Conversions

Conversions Part 1

Format	Color
Hex	FFBDCB
RGB	255, 189, 203
RGB Percent	100%, 74%, 80%
CMY	0.0000, 0.2577, 0.2028
CMYK	0.00, 0.26, 0.20, 0.00
HSL	347°, 100%, 87%
HSV	347°, 26%, 100%
XYZ	70.4263, 62.1629, 64.9678
YIQ	210.3300, 34.8420, 18.3460

Conversions

Conversions Part 2

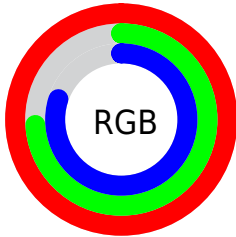
Format	Color
R _Y B	255, 189, 203
Decimal	16760267
CIE Lab	83.00, 25.72, 2.32
CIE LCh	83, 25.828, 5.143
Yxy	62.1629, 0.3565, 0.3147
Android (android.graphics.Color)	4294950347 (0xFFFFBDCB)
YUV	210.3300, -3.6137, 39.1756
Hunter-Lab	78.8435, 21.4676, 6.3349

Details

The CIELCh color **83, 25.828, 5.143** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **95, 23.199, 179.848**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 5.604, 324.582**, and **63, 25.823, 4.857** is the 20% darker color. If you saturate the color by 10%, you get **77, 36.393, 6.567**, and if you desaturate by 10%, it is **89, 15.369, 3.805**.

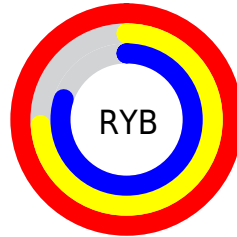
Distribution



Red (100%)

Green (74%)

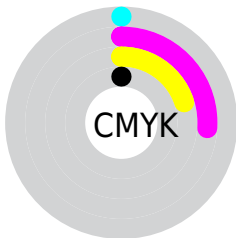
Blue (80%)



Red (100%)

Yellow (74%)

Blue (80%)

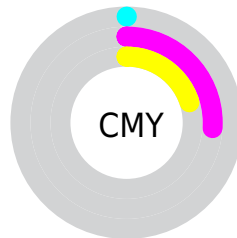


Cyan (0%)

Magenta (26%)

Yellow (20%)

Black (0%)



Cyan (0%)

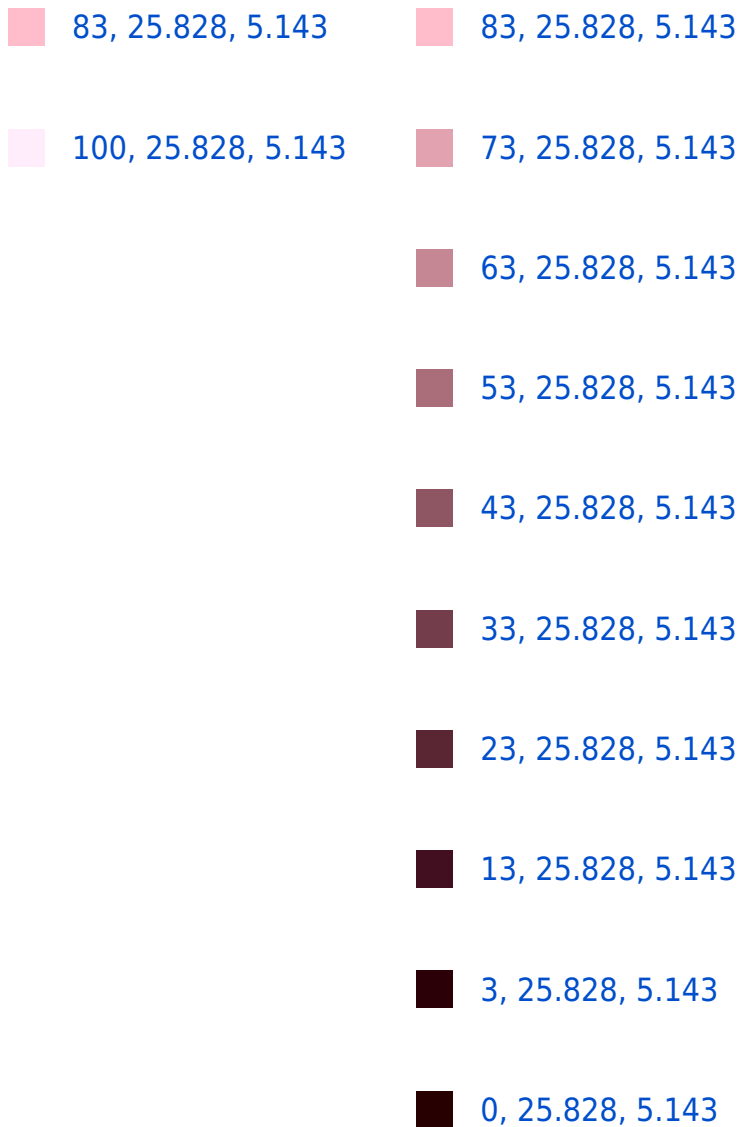
Magenta (26%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 25.828, 5.143 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, 25.828, 5.143 by changing the saturation by 10% instead.



83, 25.828, 5.143

83, 25.828, 5.143

77, 36.393, 6.567

89, 15.369, 3.805

71, 47.192, 8.419

96, 5.480, 2.688

66, 57.779, 10.742

100, 0.012,
296.813

61, 67.730, 13.688

58, 76.621, 17.418

55, 84.210, 22.022

54, 90.569, 27.369

54, 93.089, 29.646

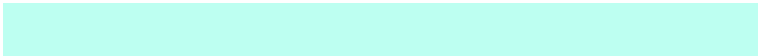
Harmonies

Complementary

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



83, 25.828, 5.143



95, 23.199, 179.848

Rectangle

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



83, 25.828, 5.143



83, 25.828, 55.143



83, 25.828, 185.143



83, 25.828, 235.143

Sweetspot

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



83, 25.713, 5.061



95, 7.646, 2.938



83, 38.942, 319.451



50, 5.455, 3.103



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, 25.713, 5.061



80, 31.271, 5.812



87, 20.805, 48.109



50, 5.455, 3.103



40, 74.313, 28.605



10, 31.908, 18.066

Inverse Universe

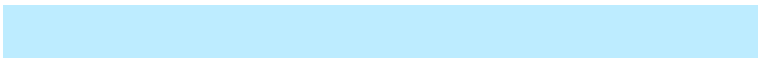
The Inverse Universe completely reimagines the original color for something new.



83, 25.713, 5.061



80, 31.271, 5.812



91, 17.743, 231.748



50, 5.455, 3.103



40, 74.313, 28.605



10, 31.908, 18.066

Previews

White Background



This preview shows how the CIELCh color 83, 25.828, 5.143 looks on a white background.

Color Contrast Check

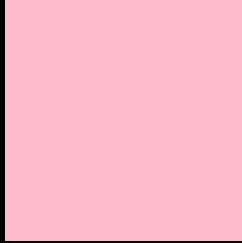
Large Text (above 18pt) WCAG AA × Fail

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, 25.828, 5.143 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

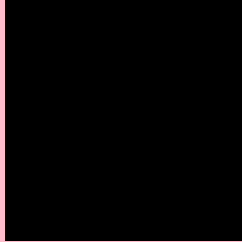
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 83, 25.828, 5.143

Background



This preview shows how black text looks on a background with the CIELCh color 83, 25.828, 5.143.



This preview shows how white text looks on a background with the CIELCh color 83, 25.828, 5.143.

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, 25.828, 5.143

Protanopia

83, 3.875, 306.664

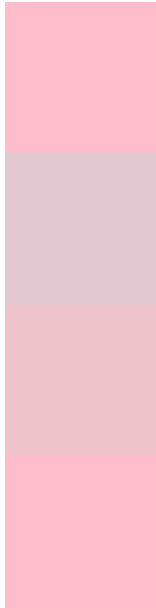
Deuteranopia

83, 10.851, 17.428



Tritanopia
83, 25.935, 4.015

Trichromacy



Original Color
83, 25.828, 5.143

Protanomaly
83, 10.687, 353.891

Deuteranomaly
83, 16.047, 9.372

Tritanomaly
83, 25.935, 4.015

Monochromacy



Original Color
83, 25.828, 5.143

Achromatopsia
85, 0.010, 296.813

Achromatomaly
84, 9.239, 3.565

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 25.828, 5.143 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, 189, 203)` looks like.

```
.text, #text, p{  
    color:rgb(255, 189, 203)  
}
```

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, 189, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 189, 203) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 25.828, 5.143 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, 189, 203) }
```

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

```
.border{ border-color:rgb(255, 189, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 189, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 189, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 189, 203);  
box-shadow:4px 4px 4px 4px rgb(255, 189,  
203) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 25.828, 5.143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 189, 203) }
```

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

```
.background{ background-color: rgb(255,  
189, 203) }
```

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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