

Converting Colors

CIELCh(83, 25.645, 9.582)

Have a look what the booklet for
CIELCh(83, 25.645, 9.582) contains.

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Color

CIELCh(83, 25.575, 8.581)

Conversions

Conversions Part 1

Format	Color
Hex	FFBEC8
RGB	255, 190, 200
RGB Percent	100%, 75%, 78%
CMY	0.0000, 0.2569, 0.2137
CMYK	0.00, 0.26, 0.21, 0.00
HSL	350°, 100%, 87%
HSV	350°, 26%, 100%
XYZ	70.2232, 62.1629, 63.2461
YIQ	210.5750, 35.5300, 16.8900

Conversions

Conversions Part 2

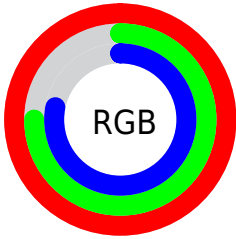
Format	Color
R _Y B	255, 190, 200
Decimal	16760520
CIE Lab	83.00, 25.29, 3.82
CIE LCh	83, 25.575, 8.581
Yxy	62.1629, 0.3590, 0.3178
Android (android.graphics.Color)	4294950600 (0xFFFFBEC8)
YUV	210.5750, -5.2135, 38.9607
Hunter-Lab	78.8435, 21.0078, 7.6296

Details

The CIELCh color **83, 25.575, 8.581** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **96, 22.561, 183.448**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 4.981, 324.553**, and **63, 25.085, 9.447** is the 20% darker color. If you saturate the color by 10%, you get **77, 36.076, 9.964**, and if you desaturate by 10%, it is **89, 15.086, 7.221**.

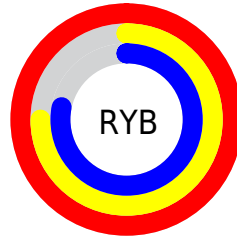
Distribution



Red (100%)

Green (75%)

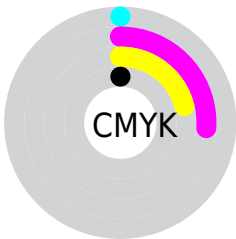
Blue (78%)



Red (100%)

Yellow (75%)

Blue (78%)

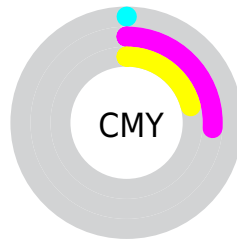


Cyan (0%)

Magenta (26%)

Yellow (21%)

Black (0%)



Cyan (0%)

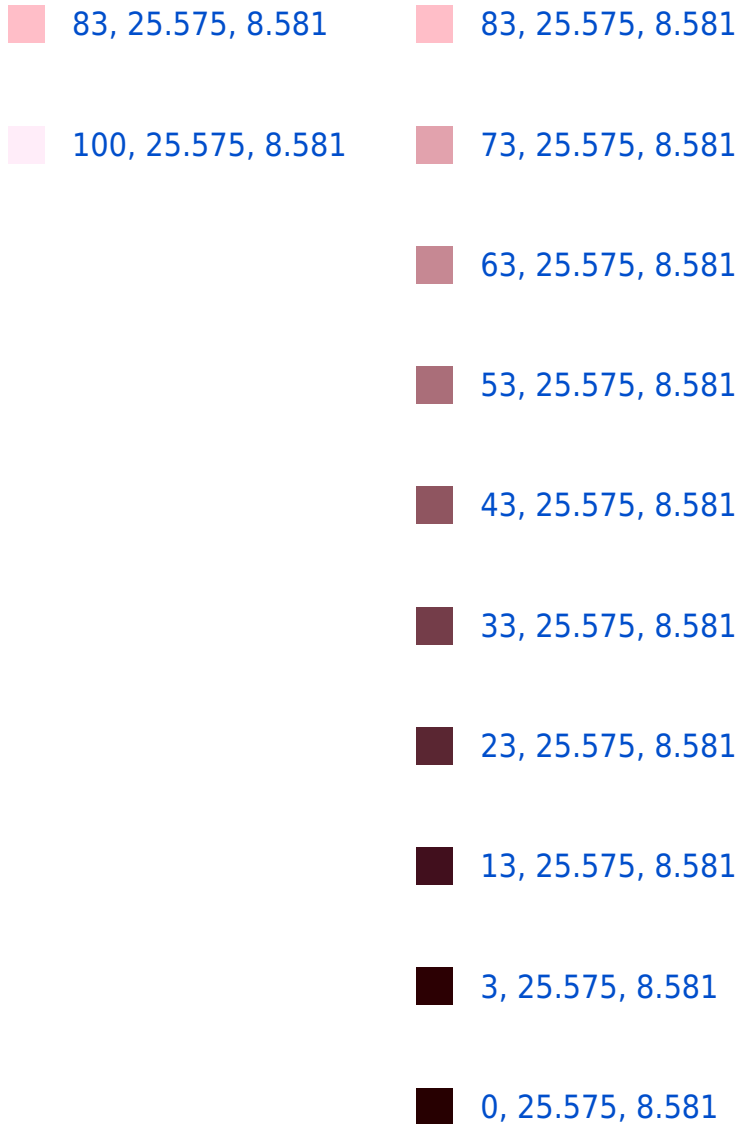
Magenta (26%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 25.575, 8.581 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, 25.575, 8.581 by changing the saturation by 10% instead.



83, 25.575, 8.581

83, 25.575, 8.581

77, 36.076, 9.964

89, 15.086, 7.221

71, 47.002, 11.830

96, 5.315, 6.125

66, 57.845, 14.185

100, 0.012,
296.813

61, 68.207, 17.179

58, 77.685, 20.952

55, 86.021, 25.542

54, 93.157, 30.707

53, 95.975, 32.858

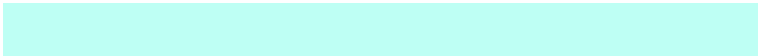
Harmonies

Complementary

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



83, 25.575, 8.581



96, 22.561, 183.448

Rectangle

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



83, 25.575, 8.581



83, 25.575, 58.581



83, 25.575, 188.581



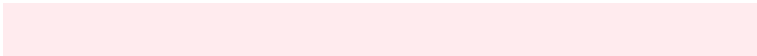
83, 25.575, 238.581

Sweetspot

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



83, 25.373, 8.461



95, 7.528, 6.380



83, 39.133, 320.469



50, 5.373, 6.542



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, 25.373, 8.461



80, 31.019, 9.221



88, 20.565, 51.838



50, 5.373, 6.542



40, 76.561, 31.896



10, 32.174, 20.251

Inverse Universe

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



83, 25.373, 8.461



80, 31.019, 9.221



90, 17.733, 236.275



50, 5.373, 6.542



40, 76.561, 31.896



10, 32.174, 20.251

Previews

White Background



This preview shows how the CIELCh color 83, 25.575, 8.581 looks on a white background.

Color Contrast Check

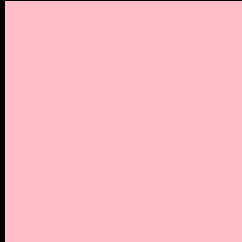
Large Text (above 18pt) WCAG AA × Fail

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, 25.575, 8.581 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, 25.575, 8.581

Background



This preview shows how black text looks on a background with the CIELCh color 83, 25.575, 8.581.

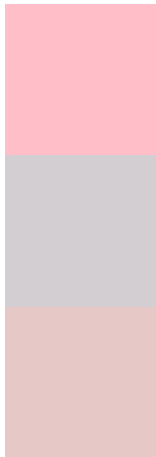


This preview shows how white text looks on a background with the CIELCh color 83, 25.575, 8.581.

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, 25.108, 9.509

Protanopia

83, 2.584, 324.443

Deuteranopia

83, 11.274, 22.884



Tritanopia
83, 25.935, 4.015

Trichromacy



Original Color
83, 25.108, 9.509

Protanomaly
83, 10.288, 359.195

Deuteranomaly
83, 16.316, 13.310

Tritanomaly
83, 25.828, 5.143

Monochromacy



Original Color
83, 25.108, 9.509

Achromatopsia
84, 0.010, 296.813

Achromatomaly
84, 8.752, 6.142

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 25.575, 8.581 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, 190, 200)` looks like.

```
.text, #text, p{  
    color:rgb(255, 190, 200)  
}
```

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, 190, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 190, 200) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 25.575, 8.581 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, 190, 200) }
```

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

```
.border{ border-color:rgb(255, 190, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 190, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 190, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 190, 200);  
box-shadow:4px 4px 4px 4px rgb(255, 190,  
200) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 25.575, 8.581 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 190, 200) }
```

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

```
.background{ background-color: rgb(255,  
190, 200) }
```

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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