

Converting Colors

CIELCh(100, 82.152, 27.849)

Have a look what the booklet for
CIELCh(100, 82.152, 27.849)
contains.

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Color

CIELCh(83, 25.510, 27.240)

Conversions

Conversions Part 1

Format	Color
Hex	FFBFBA
RGB	255, 191, 186
RGB Percent	100%, 75%, 73%
CMY	0.0000, 0.2516, 0.2712
CMYK	0.00, 0.25, 0.27, 0.00
HSL	4°, 100%, 86%
HSV	4°, 27%, 100%
XYZ	69.0148, 62.1629, 54.7230
YIQ	209.5660, 39.7490, 12.0130

Conversions

Conversions Part 2

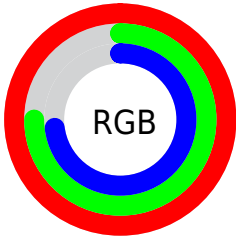
Format	Color
R _Y B	255, 191, 186
Decimal	16760762
CIE Lab	83.00, 22.68, 11.68
CIE LCh	83, 25.510, 27.240
Yxy	62.1629, 0.3712, 0.3344
Android (android.graphics.Color)	4294950842 (0xFFFFBFBA)
YUV	209.5660, -11.6180, 39.8456
Hunter-Lab	78.8435, 18.2719, 14.0389

Details

The CIELCh color **83, 25.510, 27.240** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **94, 20.762, 205.343**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 3.919, 70.425**, and **63, 25.130, 26.920** is the 20% darker color. If you saturate the color by 10%, you get **77, 35.826, 28.245**, and if you desaturate by 10%, it is **89, 15.235, 26.606**.

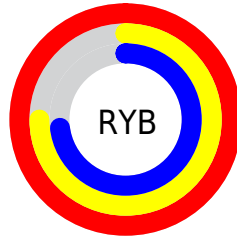
Distribution



Red (100%)

Green (75%)

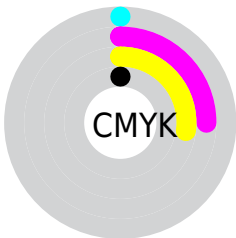
Blue (73%)



Red (100%)

Yellow (75%)

Blue (73%)

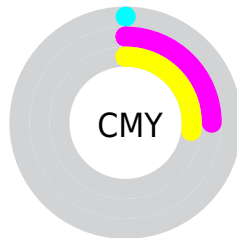


Cyan (0%)

Magenta (25%)

Yellow (27%)

Black (0%)



Cyan (0%)

Magenta (25%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 25.510, 27.240 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, 25.510, 27.240 by changing the saturation by 10% instead.

83, 25.510, 27.240

83, 25.510, 27.240

100, 25.510,
27.240

73, 25.510, 27.240

63, 25.510, 27.240

53, 25.510, 27.240

43, 25.510, 27.240

33, 25.510, 27.240

23, 25.510, 27.240

13, 25.510, 27.240

3, 25.510, 27.240

0, 25.510, 27.240

83, 25.510, 27.240

83, 25.510, 27.240

77, 35.826, 28.245

89, 15.235, 26.606

71, 47.208, 29.512

95, 6.081, 26.053

66, 59.147, 31.183

100, 0.012,
296.813

62, 71.365, 33.312

58, 83.387, 35.842

56, 94.263, 38.421

54, 101.983,
40.141

54, 103.617,
40.569

Harmonies

Complementary

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



83, 25.510, 27.240



94, 20.762, 205.343

Rectangle

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



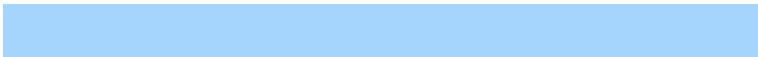
83, 25.510, 27.240



83, 25.510, 77.240



83, 25.510, 207.240



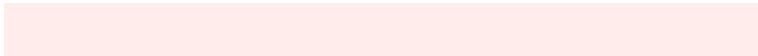
83, 25.510, 257.240

Sweetspot

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



83, 25.149, 27.303



95, 6.854, 26.102



84, 41.444, 327.835



50, 4.901, 26.182



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, 25.149, 27.303



79, 31.333, 27.822



91, 23.431, 78.715



50, 4.901, 26.182



40, 83.213, 40.754



10, 31.960, 30.723

Inverse Universe

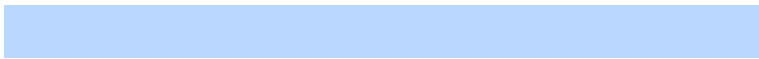
The Inverse Universe completely reimagines the original color for something new.



94, 20.762, 205.343



93, 24.666, 205.301



85, 22.406, 266.556



52, 4.607, 205.715



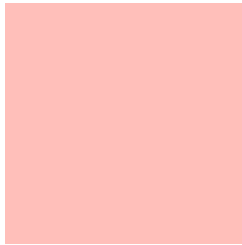
66, 36.835, 208.854



22, 17.102, 207.217

Previews

White Background



This preview shows how the CIELCh color 83, 25.510, 27.240 looks on a white background.

Color Contrast Check

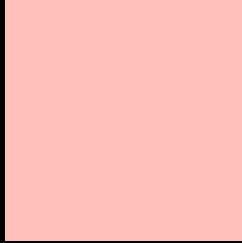
Large Text (above 18pt) WCAG AA × Fail

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, 25.510, 27.240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

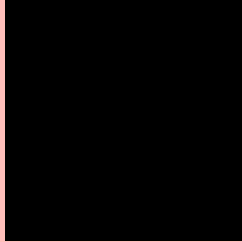
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 83, 25.510, 27.240

Background



This preview shows how black text looks on a background with the CIELCh color 83, 25.510, 27.240.



This preview shows how white text looks on a background with the CIELCh color 83, 25.510, 27.240.

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, 25.083, 27.295

Protanopia

83, 6.975, 84.195

Deuteranopia

83, 16.083, 49.510



Tritanopia
83, 25.828, 5.143

Trichromacy



Original Color
83, 25.083, 27.295

Protanomaly
83, 12.034, 43.224

Deuteranomaly
83, 18.827, 38.442

Tritanomaly
83, 24.981, 13.072

Monochromacy



Original Color
83, 25.083, 27.295

Achromatopsia
84, 0.010, 296.813

Achromatomaly
83, 8.966, 23.376

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 25.510, 27.240 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, 191, 186)` looks like.

```
.text, #text, p{  
    color:rgb(255, 191, 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, 191, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 191, 186) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 25.510, 27.240 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, 191, 186) }
```

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

```
.border{ border-color:rgb(255, 191, 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, 191, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 191, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 191, 186);  
box-shadow:4px 4px 4px 4px rgb(255, 191,  
186) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 25.510, 27.240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 191, 186) }
```

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

```
.background{ background-color: rgb(255,  
191, 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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