

Converting Colors

CIELCh(89, 47.652, 21.509)

Have a look what the booklet for
CIELCh(89, 47.652, 21.509) contains.

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Color

CIELCh(83, 25.393, 17.953)

Conversions

Conversions Part 1

Format	Color
Hex	FFBEC1
RGB	255, 190, 193
RGB Percent	100%, 75%, 76%
CMY	0.0000, 0.2547, 0.2430
CMYK	0.00, 0.25, 0.24, 0.00
HSL	357°, 100%, 87%
HSV	357°, 25%, 100%
XYZ	69.6969, 62.1629, 58.7942
YIQ	209.7770, 37.7770, 14.7130

Conversions

Conversions Part 2

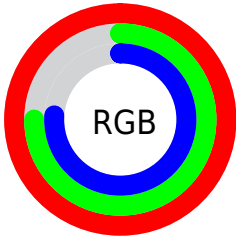
Format	Color
R _Y B	255, 190, 193
Decimal	16760513
CIE Lab	83.00, 24.16, 7.83
CIE LCh	83, 25.393, 17.953
Yxy	62.1629, 0.3656, 0.3261
Android (android.graphics.Color)	4294950593 (0xFFFFBEC1)
YUV	209.7770, -8.2711, 39.6606
Hunter-Lab	78.8435, 19.8162, 10.9775

Details

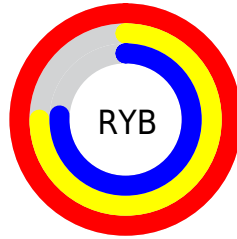
The CIELCh color **83, 25.393, 17.953** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **96, 21.310, 193.941**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 3.011, 359.612**, and **63, 24.991, 17.003** is the 20% darker color. If you saturate the color by 10%, you get **77, 35.935, 19.225**, and if you desaturate by 10%, it is **89, 14.626, 16.776**.

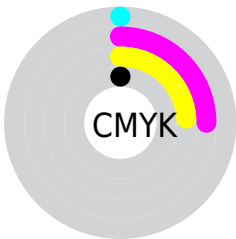
Distribution



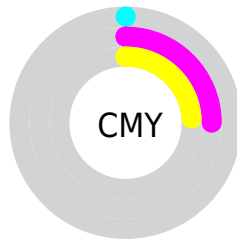
- Red (100%)
- Green (75%)
- Blue (76%)



- Red (100%)
- Yellow (75%)
- Blue (76%)



- Cyan (0%)
- Magenta (25%)
- Yellow (24%)
- Black (0%)



- Cyan (0%)
- Magenta (25%)
- Yellow (24%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 25.393, 17.953 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, 25.393, 17.953 by changing the saturation by 10% instead.

 83, 25.393, 17.953

 83, 25.393, 17.953

 100, 25.393,
17.953

 73, 25.393, 17.953

 63, 25.393, 17.953

 53, 25.393, 17.953

 43, 25.393, 17.953

 33, 25.393, 17.953

 23, 25.393, 17.953

 13, 25.393, 17.953

 3, 25.393, 17.953

 0, 25.393, 17.953

83, 25.393, 17.953

83, 25.393, 17.953

77, 35.935, 19.225

89, 14.626, 16.776

71, 47.428, 20.978

96, 4.988, 15.844

65, 59.193, 23.241

100, 0.012,
296.813

61, 70.880, 26.131

57, 82.064, 29.696

55, 92.211, 33.742

54, 100.272,
37.546

53, 102.821,
38.752

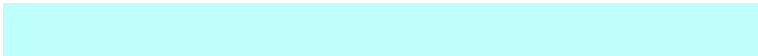
Harmonies

Complementary

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



83, 25.393, 17.953



96, 21.310, 193.941

Rectangle

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



83, 25.393, 17.953



83, 25.393, 67.953



83, 25.393, 197.953



83, 25.393, 247.953

Sweetspot

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



83, 24.957, 17.859



95, 7.356, 16.083



84, 40.175, 324.412



49, 5.257, 16.219



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

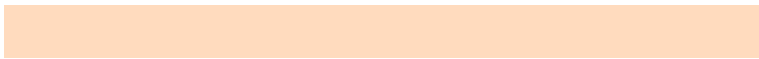
The Same Dimension uses a secret algorithm to generate beautiful new colors.



83, 24.957, 17.859



79, 30.949, 18.572



90, 20.616, 66.854



49, 5.257, 16.219



40, 82.272, 38.248



10, 32.995, 25.330

Inverse Universe

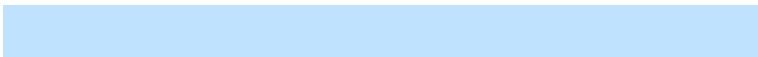
The Inverse Universe completely reimagines the original color for something new.



83, 24.957, 17.859



79, 30.949, 18.572



88, 18.801, 253.532



49, 5.257, 16.219



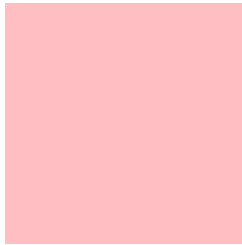
40, 82.272, 38.248



10, 32.995, 25.330

Previews

White Background



This preview shows how the CIELCh color 83, 25.393, 17.953 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, 25.393, 17.953 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

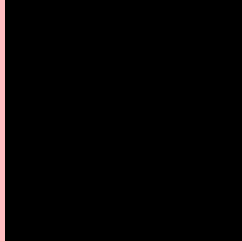
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 83, 25.393, 17.953

Background



This preview shows how black text looks on a background with the CIELCh color 83, 25.393, 17.953.



This preview shows how white text looks on a background with the CIELCh color 83, 25.393, 17.953.

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, 24.973, 17.851

Protanopia

83, 3.034, 63.265

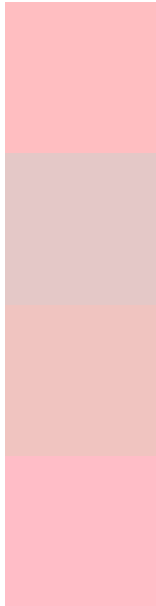
Deuteranopia

83, 13.297, 38.646



Tritanopia
83, 25.828, 5.143

Trichromacy



Original Color
83, 24.973, 17.851

Protanomaly
83, 10.509, 23.018

Deuteranomaly
83, 16.978, 27.739

Tritanomaly
83, 25.512, 9.741

Monochromacy



Original Color
83, 24.973, 17.851

Achromatopsia
84, 0.010, 296.813

Achromatomaly
84, 8.550, 16.480

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 25.393, 17.953 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, 193)` looks like.

```
.text, #text, p{  
    color:rgb(255, 190, 193)  
}
```

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, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 190, 193) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 25.393, 17.953 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, 193) }
```

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

```
.border{ border-color:rgb(255, 190, 193) }
```

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, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 190, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 190, 193);  
box-shadow:4px 4px 4px 4px rgb(255, 190,  
193) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 25.393, 17.953 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, 193) }
```

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

```
.background{ background-color: rgb(255,  
190, 193) }
```

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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