

Converting Colors

CIELCh(83, 26.070, 36.444)

Have a look what the booklet for
CIELCh(83, 26.070, 36.444) contains.

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Color

CIELCh(83, 25.890, 36.371)

Conversions

Conversions Part 1

Format	Color
Hex	FFC0B3
RGB	255, 192, 179
RGB Percent	100%, 75%, 70%
CMY	0.0003, 0.2473, 0.2983
CMYK	0.00, 0.25, 0.30, 0.00
HSL	10°, 100%, 85%
HSV	10°, 30%, 100%
XYZ	68.1731, 62.1629, 51.0142
YIQ	209.3550, 41.7210, 9.3130

Conversions

Conversions Part 2

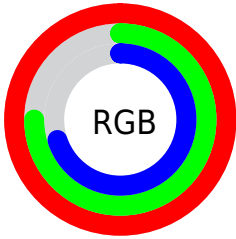
Format	Color
R _Y B	255, 195, 179
Decimal	16761011
CIE Lab	83.00, 20.85, 15.35
CIE LCh	83, 25.890, 36.371
Yxy	62.1629, 0.3759, 0.3428
Android (android.graphics.Color)	4294951091 (0xFFFFC0B3)
YUV	209.3550, -14.9650, 40.0307
Hunter-Lab	78.8435, 16.3664, 16.8279

Details

The CIELCh color **83, 25.890, 36.371** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **92, 20.940, 217.105**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 7.419, 92.702**, and **63, 26.043, 36.389** is the 20% darker color. If you saturate the color by 10%, you get **78, 36.055, 36.787**, and if you desaturate by 10%, it is **89, 16.490, 36.154**.

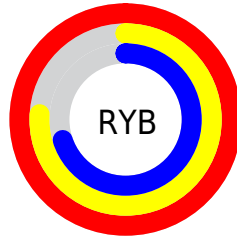
Distribution



Red (100%)

Green (75%)

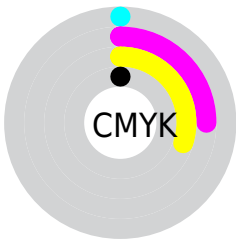
Blue (70%)



Red (100%)

Yellow (76%)

Blue (70%)

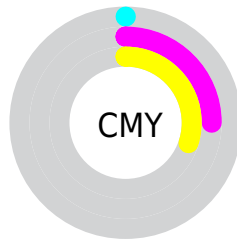


Cyan (0%)

Magenta (25%)

Yellow (30%)

Black (0%)



Cyan (0%)

Magenta (25%)

Yellow (30%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 25.890, 36.371 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, 25.890, 36.371 by changing the saturation by 10% instead.

 83, 25.890, 36.371

 83, 25.890, 36.371

 100, 25.890,
36.371

 73, 25.890, 36.371

 63, 25.890, 36.371

 53, 25.890, 36.371

 43, 25.890, 36.371

 33, 25.890, 36.371

 23, 25.890, 36.371

 13, 25.890, 36.371

 3, 25.890, 36.371

 0, 25.890, 36.371

83, 25.890, 36.371

83, 25.890, 36.371

78, 36.055, 36.787

89, 16.490, 36.154

73, 46.975, 37.433

94, 7.829, 36.050

68, 58.553, 38.354

100, 0.029,
223.229

64, 70.558, 39.548

60, 82.480, 40.897

57, 93.174, 41.999

55, 100.822,
42.257

55, 100.951,
42.267

Harmonies

Complementary

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



83, 25.890, 36.371



92, 20.940, 217.105

Rectangle

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



83, 25.890, 36.371



83, 25.890, 86.371



83, 25.890, 216.371



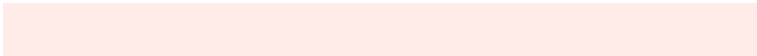
83, 25.890, 266.371

Sweetspot

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



83, 25.888, 36.378



95, 7.160, 36.042



82, 42.485, 331.257



50, 5.006, 36.055



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, 25.888, 36.378



80, 32.099, 36.606



92, 27.922, 87.247



50, 4.533, 36.047



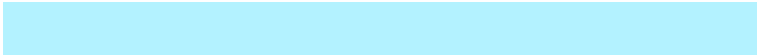
42, 80.910, 42.626



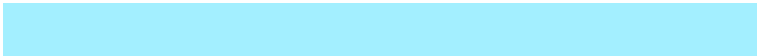
11, 30.403, 35.596

Inverse Universe

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



92, 20.940, 217.105



90, 24.659, 217.489



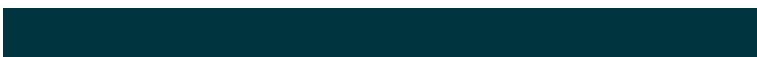
82, 27.738, 275.786



52, 4.264, 216.417



60, 35.084, 229.340



20, 16.148, 224.856

Previews

White Background



This preview shows how the CIELCh color 83, 25.890, 36.371 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 CIE LCh color 83, 25.890, 36.371 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, 25.890, 36.371

Background



This preview shows how black text looks on a background with the CIELCh color 83, 25.890, 36.371.

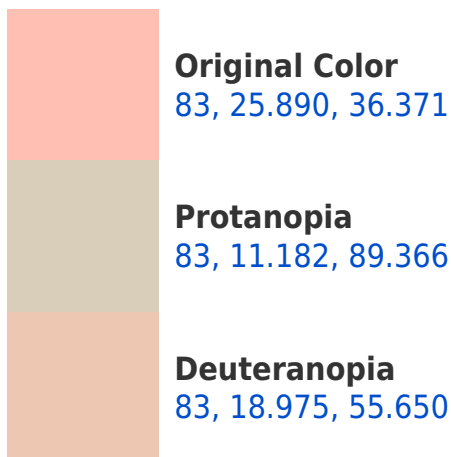


This preview shows how white text looks on a background with the CIELCh color 83, 25.890, 36.371.

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





Tritanopia
83, 25.828, 5.143

Trichromacy



Original Color
83, 25.890, 36.371

Protanomaly
83, 14.731, 59.835

Deuteranomaly
83, 21.251, 46.895

Tritanomaly
83, 24.958, 16.657

Monochromacy



Original Color
83, 25.890, 36.371

Achromatopsia
84, 0.010, 296.813

Achromatomaly
83, 9.018, 36.866

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 25.890, 36.371 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, 192, 179)` looks like.

```
.text, #text, p{  
    color:rgb(255, 192, 179)  
}
```

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, 192, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 192, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 25.890, 36.371 is called "border". The border property can be set on classes, ids or directly on the HTML element.

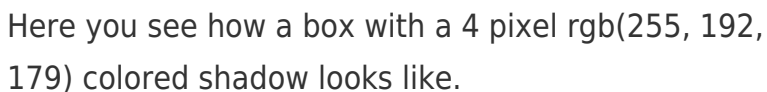
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 192, 179) }
```

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

```
.border{ border-color:rgb(255, 192, 179) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 192, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 192, 179); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 192, 179); box-shadow:4px 4px 4px 4px rgb(255, 192, 179) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 25.890, 36.371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 192, 179) }
```

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

```
.background{ background-color: rgb(255,  
192, 179) }
```

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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