

Converting Colors

CIELCh(83, 25.615, 31.844)

Have a look what the booklet for
CIELCh(83, 25.615, 31.844) contains.

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Color

CIELCh(83, 25.615, 31.844)

Conversions

Conversions Part 1

Format	Color
Hex	FFBFB6
RGB	255, 191, 182
RGB Percent	100%, 75%, 71%
CMY	0.0000, 0.2494, 0.2848
CMYK	0.00, 0.25, 0.28, 0.00
HSL	7°, 100%, 86%
HSV	7°, 28%, 100%
XYZ	68.5912, 62.1629, 52.8470
YIQ	209.1100, 41.0330, 10.7690

Conversions

Conversions Part 2

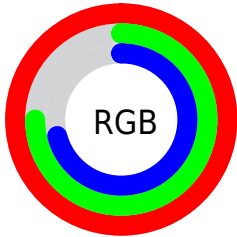
Format	Color
R _Y B	255, 192, 182
Decimal	16760758
CIE Lab	83.00, 21.76, 13.51
CIE LCh	83, 25.615, 31.844
Yxy	62.1629, 0.3736, 0.3386
Android (android.graphics.Color)	4294950838 (0xFFFFBFB6)
YUV	209.1100, -13.3652, 40.2455
Hunter-Lab	78.8435, 17.3130, 15.4497

Details

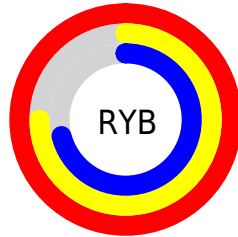
The CIELCh color **83, 25.615, 31.844** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **93, 20.758, 211.221**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 5.650, 83.422**, and **63, 25.726, 31.689** is the 20% darker color. If you saturate the color by 10%, you get **77, 35.839, 32.583**, and if you desaturate by 10%, it is **89, 15.831, 31.446**.

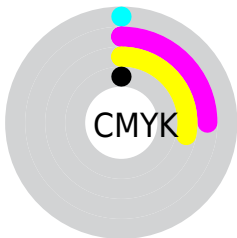
Distribution



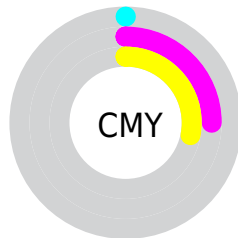
- Red (100%)
- Green (75%)
- Blue (71%)



- Red (100%)
- Yellow (75%)
- Blue (71%)



- Cyan (0%)
- Magenta (25%)
- Yellow (28%)
- Black (0%)



- Cyan (0%)
- Magenta (25%)
- Yellow (28%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 25.615, 31.844 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, 25.615, 31.844 by changing the saturation by 10% instead.

 83, 25.615, 31.844

 83, 25.615, 31.844

 100, 25.615,
31.844

 73, 25.615, 31.844

 63, 25.615, 31.844

 53, 25.615, 31.844

 43, 25.615, 31.844

 33, 25.615, 31.844

 23, 25.615, 31.844

 13, 25.615, 31.844

 3, 25.615, 31.844

 0, 25.615, 31.844

83, 25.615, 31.844

83, 25.615, 31.844

77, 35.839, 32.583

89, 15.831, 31.446

72, 46.968, 33.537

95, 6.964, 31.118

67, 58.723, 34.827

100, 0.012,
296.813

63, 70.859, 36.476

59, 82.891, 38.396

56, 93.769, 40.211

55, 101.493,
41.139

54, 102.457,
41.290

Harmonies

Complementary

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



83, 25.615, 31.844



93, 20.758, 211.221

Rectangle

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



83, 25.615, 31.844



83, 25.615, 81.844



83, 25.615, 211.844



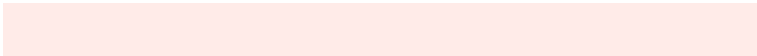
83, 25.615, 261.844

Sweetspot

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



83, 25.449, 31.908



95, 7.410, 31.135



83, 42.034, 329.479



50, 5.180, 31.180



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, 25.449, 31.908



80, 31.093, 32.250



92, 25.574, 83.160



50, 4.691, 31.150



41, 82.178, 41.566



11, 31.100, 33.262

Inverse Universe

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



93, 20.758, 211.221



92, 24.228, 211.367



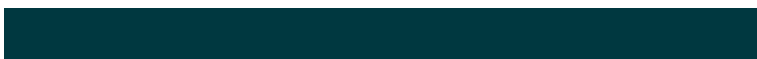
84, 24.929, 271.419



52, 4.409, 211.104



63, 35.406, 219.204



21, 16.429, 216.105

Previews

White Background



This preview shows how the CIELCh color 83, 25.615, 31.844 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, 25.615, 31.844 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, 25.615, 31.844

Background



This preview shows how black text looks on a background with the CIELCh color 83, 25.615, 31.844.



This preview shows how white text looks on a background with the CIELCh color 83, 25.615, 31.844.

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, 25.615, 31.844

Protanopia

83, 9.068, 87.441

Deuteranopia

83, 17.331, 53.196



Tritanopia
83, 25.828, 5.143

Trichromacy



Original Color
83, 25.615, 31.844

Protanomaly
83, 13.385, 53.311

Deuteranomaly
83, 19.860, 42.271

Tritanomaly
83, 24.962, 14.266

Monochromacy



Original Color
83, 25.615, 31.844

Achromatopsia
84, 0.010, 296.813

Achromatomaly
83, 8.863, 33.660

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 25.615, 31.844 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, 182)` looks like.

```
.text, #text, p{  
    color:rgb(255, 191, 182)  
}
```

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, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 191, 182) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 25.615, 31.844 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, 182) }
```

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

```
.border{ border-color:rgb(255, 191, 182) }
```

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, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 191, 182); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 191, 182); box-shadow:4px 4px 4px 4px rgb(255, 191, 182) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 25.615, 31.844 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, 182) }
```

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

```
.background{ background-color: rgb(255,  
191, 182) }
```

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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