

Converting Colors

CIELCh(81, 30.455, 358.232)

Have a look what the booklet for
CIELCh(81, 30.455, 358.232)
contains.

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Color

CIELCh(81, 30.615, 357.835)

Conversions

Conversions Part 1

Format	Color
Hex	FFB4CC
RGB	255, 180, 204
RGB Percent	100%, 71%, 80%
CMY	0.0000, 0.2928, 0.1987
CMYK	0.00, 0.29, 0.20, 0.00
HSL	341°, 100%, 85%
HSV	341°, 29%, 100%
XYZ	68.6889, 58.4711, 64.9951
YIQ	205.1610, 36.9960, 23.3640

Conversions

Conversions Part 2

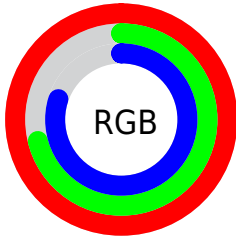
Format	Color
R _Y B	255, 180, 204
Decimal	16757964
CIE Lab	81.00, 30.59, -1.16
CIE LCh	81, 30.615, 357.835
Yxy	58.4711, 0.3575, 0.3043
Android (android.graphics.Color)	4294948044 (0xFFFFB4CC)
YUV	205.1610, -0.5724, 43.7088
Hunter-Lab	76.4664, 26.5284, 3.1310

Details

The CIELCh color **81, 30.615, 357.835** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **95, 28.131, 171.578**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 11.855, 324.828**, and **61, 30.834, 357.470** is the 20% darker color. If you saturate the color by 10%, you get **75, 41.292, 359.238**, and if you desaturate by 10%, it is **87, 19.783, 356.443**.

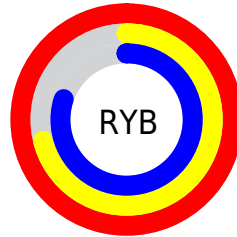
Distribution



Red (100%)

Green (71%)

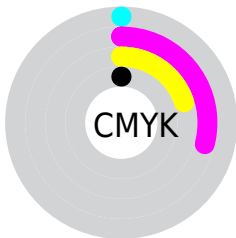
Blue (80%)



Red (100%)

Yellow (71%)

Blue (80%)

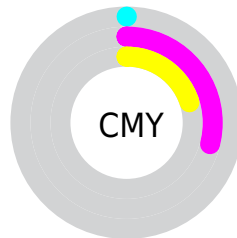


Cyan (0%)

Magenta (29%)

Yellow (20%)

Black (0%)



Cyan (0%)


Magenta (29%)


Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 81, 30.615, 357.835 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 81, 30.615, 357.835 by changing the saturation by 10% instead.


 81, 30.615,
357.835


 81, 30.615,
357.835


 100, 30.615,
357.835


 71, 30.615,
357.835

 61, 30.615,
357.835

 51, 30.615,
357.835

 41, 30.615,
357.835

 31, 30.615,
357.835

 21, 30.615,
357.835

 11, 30.615,

357.835

■ 1, 30.615, 357.835

■ 0, 30.615, 357.835

■ 81, 30.615,
357.835

■ 81, 30.615,
357.835

■ 75, 41.292,
359.238

■ 87, 19.783,
356.443

■ 69, 51.864, 1.079

■ 94, 9.350, 355.323

■ 64, 61.782, 3.366

100, 0.012,
296.813

■ 60, 70.537, 6.257

■ 57, 77.681, 9.933

■ 55, 83.048, 14.542

■ 54, 87.070, 20.000

■ 54, 87.362, 20.393

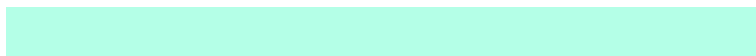
Harmonies

Complementary

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



81, 30.615, 357.835



95, 28.131, 171.578

Rectangle

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



81, 30.615, 357.835



81, 30.615, 47.835



81, 30.615, 177.835



81, 30.615, 227.835

Sweetspot

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



81, 30.495, 357.723



94, 9.059, 355.292



80, 43.215, 315.938



49, 6.312, 355.450



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



81, 30.495, 357.723



77, 36.672, 358.555



83, 25.458, 35.931



50, 5.728, 355.347



40, 69.998, 19.308



10, 31.382, 11.209

Inverse Universe

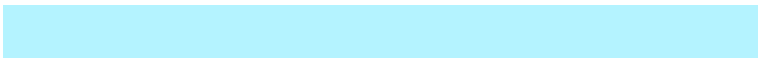
The Inverse Universe completely reimagines the original color for something new.



81, 30.495, 357.723



77, 36.672, 358.555



92, 20.671, 216.508



50, 5.728, 355.347



40, 69.998, 19.308



10, 31.382, 11.209

Previews

White Background



This preview shows how the CIELCh color 81, 30.615, 357.835 looks on a white background.

Color Contrast Check

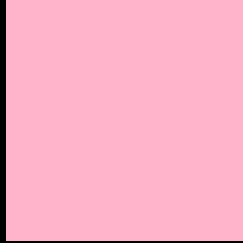
Large Text (above 18pt) WCAG AA × Fail

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 81, 30.615, 357.835 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

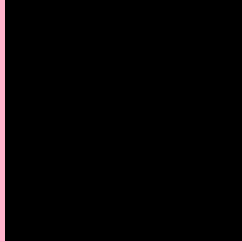
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 81, 30.615, 357.835

Background



This preview shows how black text looks on a background with the CIELCh color 81, 30.615, 357.835.



This preview shows how white text looks on a background with the CIELCh color 81, 30.615, 357.835.

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
81, 28.233, 6.816

Trichromacy



Original Color
81, 30.615, 357.835

Protanomaly
81, 14.377, 336.033

Deuteranomaly
81, 17.415, 357.650

Tritanomaly
81, 29.028, 2.991

Monochromacy



Original Color
81, 30.615, 357.835

Achromatopsia
82, 0.010, 296.813

Achromatomaly
82, 11.063, 354.810

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 30.615, 357.835 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, 180, 204)` looks like.

```
.text, #text, p{  
    color:rgb(255, 180, 204)  
}
```

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, 180, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 180, 204) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 30.615, 357.835 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, 180, 204) }
```

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

```
.border{ border-color:rgb(255, 180, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 180, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 180, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 180, 204);  
box-shadow:4px 4px 4px 4px rgb(255, 180,  
204) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 30.615, 357.835 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 180, 204) }
```

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

```
.background{ background-color: rgb(255,  
180, 204) }
```

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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