

Converting Colors

CIELCh(81, 31.866, 354.851)

Have a look what the booklet for
CIELCh(81, 31.866, 354.851)
contains.

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Color

CIELCh(81, 31.152, 355.105)

Conversions

Conversions Part 1

Format	Color
Hex	FFB4CF
RGB	255, 180, 207
RGB Percent	100%, 71%, 81%
CMY	0.0000, 0.2937, 0.1878
CMYK	0.00, 0.29, 0.19, 0.00
HSL	338°, 100%, 85%
HSV	338°, 29%, 100%
XYZ	68.8936, 58.4711, 66.7493
YIQ	205.5030, 36.0330, 24.2970

Conversions

Conversions Part 2

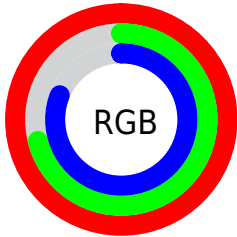
Format	Color
R _{YB}	255, 180, 207
Decimal	16757967
CIE _{Lab}	81.00, 31.04, -2.66
CIE _{LCh}	81, 31.152, 355.105
Y _{xy}	58.4711, 0.3549, 0.3012
Android (android.graphics.Color)	4294948047 (0xFFFFB4CF)
YUV	205.5030, 0.7380, 43.4089
Hunter-Lab	76.4664, 27.0062, 1.7708

Details

The CIELCh color **81, 31.152, 355.105** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **95, 29.031, 168.991**, 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, 31.389, 354.599** is the 20% darker color. If you saturate the color by 10%, you get **75, 41.989, 356.528**, and if you desaturate by 10%, it is **87, 20.262, 353.829**.

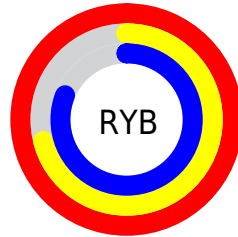
Distribution



Red (100%)

Green (71%)

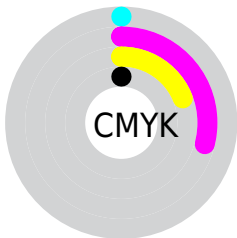
Blue (81%)



Red (100%)

Yellow (71%)

Blue (81%)

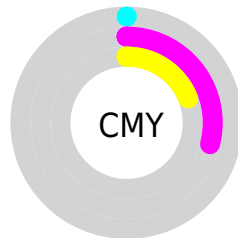


Cyan (0%)

Magenta (29%)

Yellow (19%)

Black (0%)



Cyan (0%)


Magenta (29%)


Yellow (19%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 81, 31.152, 355.105 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, 31.152, 355.105 by changing the saturation by 10% instead.


 81, 31.152,
355.105


 81, 31.152,
355.105


 100, 31.152,
355.105


 71, 31.152,
355.105

 61, 31.152,
355.105

 51, 31.152,
355.105

 41, 31.152,
355.105

 31, 31.152,
355.105

 21, 31.152,
355.105

 11, 31.152,

355.105

■ 1, 31.152, 355.105

■ 0, 31.152, 355.105

■ 81, 31.152,
355.105

■ 81, 31.152,
355.105

■ 75, 41.989,
356.528

■ 87, 20.262,
353.829

■ 70, 52.559,
358.287

■ 94, 9.643, 352.735

■ 65, 62.373, 0.458

100, 0.012,
296.813

■ 60, 70.898, 3.193

■ 57, 77.660, 6.674

■ 55, 82.469, 11.068

■ 54, 85.765, 16.348

■ 54, 85.973, 16.685

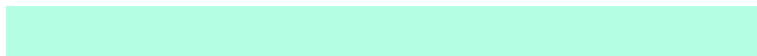
Harmonies

Complementary

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



81, 31.152, 355.105



95, 29.031, 168.991

Rectangle

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



81, 31.152, 355.105



81, 31.152, 45.105



81, 31.152, 175.105



81, 31.152, 225.105

Sweetspot

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



81, 31.114, 355.070



94, 9.254, 352.696



80, 43.064, 314.872



49, 6.447, 352.849



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, 31.114, 355.070



78, 37.250, 355.859



83, 26.162, 32.800



50, 5.851, 352.749



40, 68.995, 15.627



10, 31.294, 8.145

Inverse Universe

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



81, 31.114, 355.070



78, 37.250, 355.859



93, 21.188, 212.358



50, 5.851, 352.749



40, 68.995, 15.627



10, 31.294, 8.145

Previews

White Background



This preview shows how the CIELCh color 81, 31.152, 355.105 looks on a white background.

Color Contrast Check

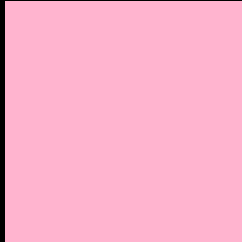
Large Text (above 18pt) WCAG AA × Fail

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 81, 31.152, 355.105 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, 31.152, 355.105

Background



This preview shows how black text looks on a background with the CIELCh color 81, 31.152, 355.105.



This preview shows how white text looks on a background with the CIELCh color 81, 31.152, 355.105.

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
81, 31.152, 355.105

Protanopia
81, 10.103, 291.073

Deuteranopia
81, 10.404, 352.965



Tritanopia
81, 28.233, 6.816

Trichromacy



Original Color
81, 31.152, 355.105



Protanomaly
81, 15.280, 330.753



Deuteranomaly
81, 17.808, 354.481



Tritanomaly
81, 29.151, 1.990

Monochromacy



Original Color
81, 31.152, 355.105



Achromatopsia
83, 0.010, 296.813



Achromatomaly
82, 11.052, 354.805

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 31.152, 355.105 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, 207)` looks like.

```
.text, #text, p{  
    color:rgb(255, 180, 207)  
}
```

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, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 180, 207) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 31.152, 355.105 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, 207) }
```

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

```
.border{ border-color:rgb(255, 180, 207) }
```

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, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 180, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 180, 207);  
box-shadow:4px 4px 4px 4px rgb(255, 180,  
207) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 31.152, 355.105 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, 207) }
```

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

```
.background{ background-color: rgb(255,  
180, 207) }
```

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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