

Converting Colors

CIELCh(100, 86.386, 21.163)

Have a look what the booklet for
CIELCh(100, 86.386, 21.163)
contains.

CIELCh(81, 29.390, 3.277)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(81, 29.390, 3.277)

Conversions

Conversions Part 1

Format	Color
Hex	FFB5C7
RGB	255, 181, 199
RGB Percent	100%, 71%, 78%
CMY	0.0000, 0.2899, 0.2194
CMYK	0.00, 0.29, 0.22, 0.00
HSL	345°, 100%, 86%
HSV	345°, 29%, 100%
XYZ	68.1159, 58.4711, 61.7656
YIQ	205.1780, 38.3260, 21.2860

Conversions

Conversions Part 2

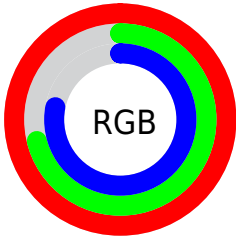
Format	Color
R _Y B	255, 181, 199
Decimal	16758215
CIE Lab	81.00, 29.34, 1.68
CIE LCh	81, 29.390, 3.277
Yxy	58.4711, 0.3616, 0.3104
Android (android.graphics.Color)	4294948295 (0xFFFFB5C7)
YUV	205.1780, -3.0458, 43.6939
Hunter-Lab	76.4664, 25.1908, 5.6350

Details

The CIELCh color **81, 29.390, 3.277** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **95, 26.415, 177.186**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 11.228, 324.804**, and **61, 29.579, 3.166** is the 20% darker color. If you saturate the color by 10%, you get **75, 40.099, 4.852**, and if you desaturate by 10%, it is **87, 18.851, 1.940**.

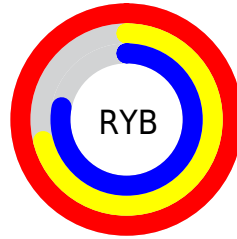
Distribution



Red (100%)

Green (71%)

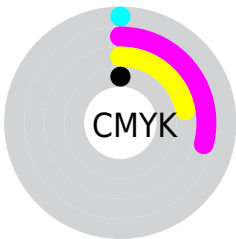
Blue (78%)



Red (100%)

Yellow (71%)

Blue (78%)

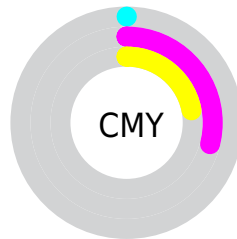


Cyan (0%)

Magenta (29%)

Yellow (22%)

Black (0%)



Cyan (0%)

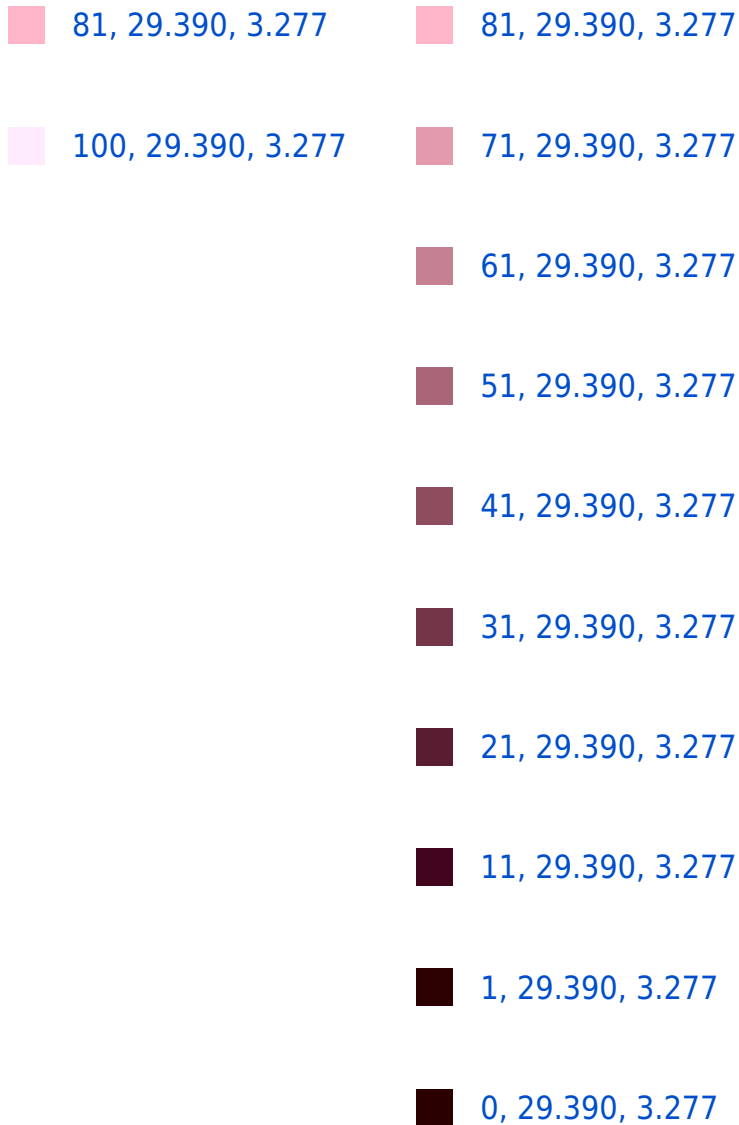
Magenta (29%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 29.390, 3.277 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, 29.390, 3.277 by changing the saturation by 10% instead.



81, 29.390, 3.277

81, 29.390, 3.277

75, 40.099, 4.852

87, 18.851, 1.940

69, 50.789, 6.810

94, 8.722, 0.797

64, 61.049, 9.267

100, 0.012,
296.813

60, 70.422, 12.386

57, 78.507, 16.329

55, 85.159, 21.176

54, 90.698, 26.703

54, 91.259, 27.245

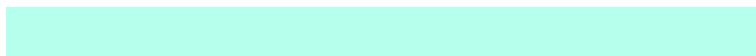
Harmonies

Complementary

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



81, 29.390, 3.277



95, 26.415, 177.186

Rectangle

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



81, 29.390, 3.277



81, 29.390, 53.277



81, 29.390, 183.277



81, 29.390, 233.277

Sweetspot

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



81, 29.363, 3.262



94, 8.729, 0.797



81, 43.539, 318.559



49, 6.086, 0.957



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, 29.363, 3.262



77, 35.800, 4.179



85, 24.017, 44.393



50, 5.521, 0.853



40, 72.913, 26.172



10, 31.736, 16.380

Inverse Universe

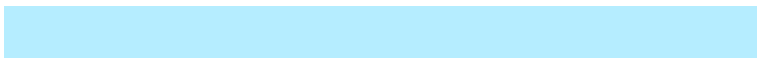
The Inverse Universe completely reimagines the original color for something new.



81, 29.363, 3.262



77, 35.800, 4.179



90, 19.826, 227.554



50, 5.521, 0.853



40, 72.913, 26.172



10, 31.736, 16.380

Previews

White Background



This preview shows how the CIELCh color 81, 29.390, 3.277 looks on a white background.

Color Contrast Check

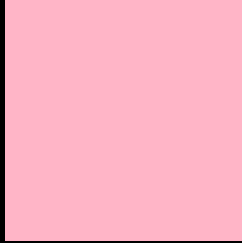
Large Text (above 18pt) WCAG AA × Fail

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, 29.390, 3.277 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, 29.390, 3.277

Background



This preview shows how black text looks on a background with the CIELCh color 81, 29.390, 3.277.



This preview shows how white text looks on a background with the CIELCh color 81, 29.390, 3.277.

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, 28.607, 7.058

Trichromacy



Original Color
81, 29.390, 3.277

Protanomaly
81, 12.729, 347.669

Deuteranomaly
81, 17.439, 6.859

Tritanomaly
81, 28.691, 6.027

Monochromacy



Original Color
81, 29.390, 3.277

Achromatopsia
82, 0.010, 296.813

Achromatomaly
82, 10.678, 359.977

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 29.390, 3.277 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, 181, 199)` looks like.

```
.text, #text, p{  
    color:rgb(255, 181, 199)  
}
```

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, 181, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 181, 199) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 29.390, 3.277 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, 181, 199) }
```

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

```
.border{ border-color:rgb(255, 181, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 181, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 181, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 181, 199);  
box-shadow:4px 4px 4px 4px rgb(255, 181,  
199) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 29.390, 3.277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 181, 199) }
```

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

```
.background{ background-color: rgb(255,  
181, 199) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor