

Converting Colors

CIELCh(91, 61.786, 27.705)

Have a look what the booklet for
CIELCh(91, 61.786, 27.705) contains.

CIELCh(81, 28.348, 29.037)	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, 28.348, 29.037)

Conversions

Conversions Part 1

Format	Color
Hex	FFB8B1
RGB	255, 184, 177
RGB Percent	100%, 72%, 69%
CMY	0.0016, 0.2799, 0.3073
CMYK	0.00, 0.28, 0.31, 0.00
HSL	5°, 99%, 85%
HSV	5°, 31%, 100%
XYZ	66.0558, 58.4711, 49.2088
YIQ	204.4310, 44.5630, 12.8750

Conversions

Conversions Part 2

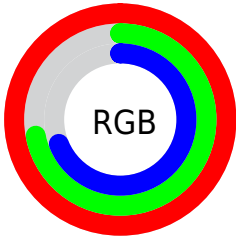
Format	Color
R _Y B	255, 185, 177
Decimal	16758961
CIE Lab	81.00, 24.78, 13.76
CIE LCh	81, 28.348, 29.037
Yxy	58.4711, 0.3802, 0.3366
Android (android.graphics.Color)	4294949041 (0xFFFFB8B1)
YUV	204.4310, -13.5235, 44.3490
Hunter-Lab	76.4664, 20.3818, 15.3713

Details

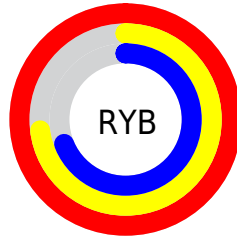
The CIELCh color **81, 28.348, 29.037** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **93, 22.733, 207.249**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 6.476, 53.090**, and **61, 28.383, 30.059** is the 20% darker color. If you saturate the color by 10%, you get **75, 39.136, 29.985**, and if you desaturate by 10%, it is **87, 18.315, 28.358**.

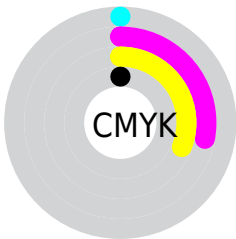
Distribution



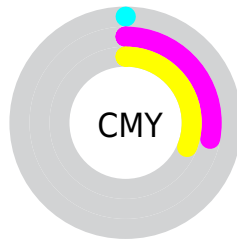
- Red (100%)
- Green (72%)
- Blue (69%)



- Red (100%)
- Yellow (73%)
- Blue (69%)



- Cyan (0%)
- Magenta (28%)
- Yellow (31%)
- Black (0%)



- Cyan (0%)
- Magenta (28%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 28.348, 29.037 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, 28.348, 29.037 by changing the saturation by 10% instead.

81, 28.348, 29.037

81, 28.348, 29.037

100, 28.348,
29.037

71, 28.348, 29.037

61, 28.348, 29.037

51, 28.348, 29.037

41, 28.348, 29.037

31, 28.348, 29.037

21, 28.348, 29.037

11, 28.348, 29.037

1, 28.348, 29.037

0, 28.348, 29.037

81, 28.348, 29.037

81, 28.348, 29.037

75, 39.136, 29.985

87, 18.315, 28.358

70, 50.613, 31.259

93, 9.048, 27.850

65, 62.608, 32.933

99, 0.508, 26.294

61, 74.807, 35.029

100, 0.139,
204.183

58, 86.626, 37.415

55, 96.810, 39.584

54, 103.159,
40.774

Harmonies

Complementary

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



81, 28.348, 29.037



93, 22.733, 207.249

Rectangle

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



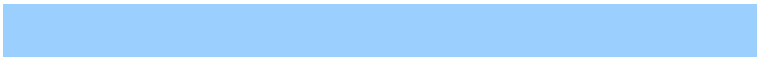
81, 28.348, 29.037



81, 28.348, 79.037



81, 28.348, 209.037



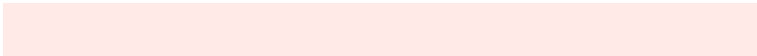
81, 28.348, 259.037

Sweetspot

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



81, 28.346, 29.043



94, 7.625, 27.775



81, 46.142, 328.547



49, 5.330, 27.842



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, 28.346, 29.043



77, 35.188, 29.609



90, 26.886, 79.821



50, 4.827, 27.799



40, 82.909, 40.988



11, 31.660, 31.573

Inverse Universe

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



93, 22.733, 207.249



92, 26.751, 207.302



83, 25.756, 268.843



52, 4.536, 207.468



65, 36.241, 212.202



22, 16.837, 210.096

Previews

White Background



This preview shows how the CIELCh color 81, 28.348, 29.037 looks on a white background.

Color Contrast Check

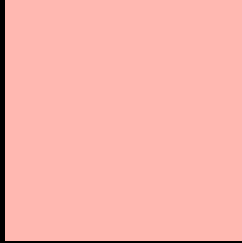
Large Text (above 18pt) WCAG AA × Fail

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, 28.348, 29.037 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, 28.348, 29.037

Background



This preview shows how black text looks on a background with the CIELCh color 81, 28.348, 29.037.



This preview shows how white text looks on a background with the CIELCh color 81, 28.348, 29.037.

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, 28.348, 29.037

Protanopia

81, 8.477, 88.544

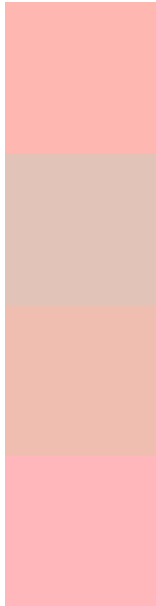
Deuteranopia

81, 17.756, 54.504



Tritanopia
81, 28.533, 8.096

Trichromacy



Original Color
81, 28.348, 29.037

Protanomaly
81, 13.570, 47.923

Deuteranomaly
81, 21.137, 41.125

Tritanomaly
81, 27.891, 16.396

Monochromacy



Original Color
81, 28.348, 29.037

Achromatopsia
82, 0.010, 296.813

Achromatomaly
81, 9.548, 29.587

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 28.348, 29.037 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, 184, 177)` looks like.

```
.text, #text, p{  
    color:rgb(255, 184, 177)  
}
```

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, 184, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 184, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 28.348, 29.037 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, 184, 177) }
```

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

```
.border{ border-color:rgb(255, 184, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 184, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 184, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 184, 177);  
box-shadow:4px 4px 4px 4px rgb(255, 184,  
177) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 28.348, 29.037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 184, 177) }
```

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

```
.background{ background-color: rgb(255,  
184, 177) }
```

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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