

Converting Colors

CIELCh(99, 86.169, 28.962)

Have a look what the booklet for
CIELCh(99, 86.169, 28.962) contains.

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Color

CIELCh(81, 28.487, 30.051)

Conversions

Conversions Part 1

Format	Color
Hex	FFB8B0
RGB	255, 184, 176
RGB Percent	100%, 72%, 69%
CMY	0.0013, 0.2796, 0.3110
CMYK	0.00, 0.28, 0.31, 0.00
HSL	6°, 99%, 84%
HSV	6°, 31%, 100%
XYZ	65.9990, 58.4711, 48.7236
YIQ	204.3170, 44.8840, 12.5640

Conversions

Conversions Part 2

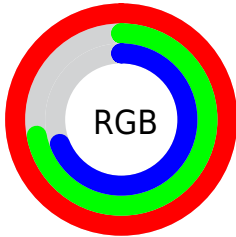
Format	Color
R _Y B	255, 185, 176
Decimal	16758960
CIE _{Lab}	81.00, 24.66, 14.27
CIE _{LCh}	81, 28.487, 30.051
Y _{xy}	58.4711, 0.3811, 0.3376
Android (android.graphics.Color)	4294949040 (0xFFFFB8B0)
YUV	204.3170, -13.9603, 44.4490
Hunter-Lab	76.4664, 20.2491, 15.7475

Details

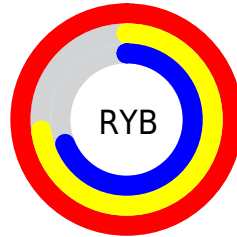
The CIELCh color **81, 28.487, 30.051** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **93, 22.763, 208.578**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 6.777, 56.644**, and **61, 28.383, 30.059** is the 20% darker color. If you saturate the color by 10%, you get **75, 39.221, 30.939**, and if you desaturate by 10%, it is **87, 18.512, 29.424**.

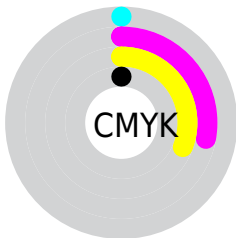
Distribution



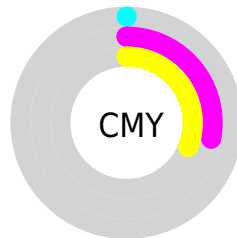
- Red (100%)
- Green (72%)
- Blue (69%)



- 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, 28.487, 30.051 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, 28.487, 30.051 by changing the saturation by 10% instead.

 81, 28.487, 30.051

 81, 28.487, 30.051

 100, 28.487,
30.051

 71, 28.487, 30.051

 61, 28.487, 30.051

 51, 28.487, 30.051

 41, 28.487, 30.051

 31, 28.487, 30.051

 21, 28.487, 30.051

 11, 28.487, 30.051

 1, 28.487, 30.051

 0, 28.487, 30.051

81, 28.487, 30.051

81, 28.487, 30.051

75, 39.221, 30.939

87, 18.512, 29.424

70, 50.653, 32.143

93, 9.302, 28.965

65, 62.620, 33.730

99, 0.818, 27.947

61, 74.811, 35.713

100, 0.116,
205.115

58, 86.632, 37.954

55, 96.790, 39.937

54, 102.926,
40.930

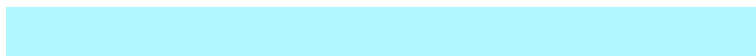
Harmonies

Complementary

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



81, 28.487, 30.051



93, 22.763, 208.578

Rectangle

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



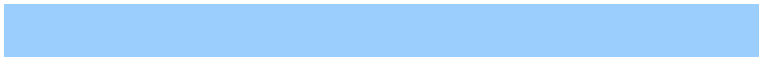
81, 28.487, 30.051



81, 28.487, 80.051



81, 28.487, 210.051



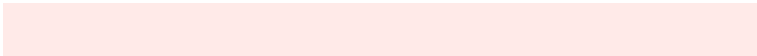
81, 28.487, 260.051

Sweetspot

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



81, 28.485, 30.057



94, 7.550, 28.883



81, 46.198, 329.095



49, 5.278, 28.942



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, 28.485, 30.057



78, 34.865, 30.551



90, 27.572, 81.310



50, 4.779, 28.903



41, 82.682, 41.165



11, 31.466, 32.140

Inverse Universe

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



93, 22.763, 208.578



92, 26.490, 208.674



82, 26.607, 270.452



52, 4.491, 208.666



64, 35.908, 214.505



21, 16.682, 212.073

Previews

White Background



This preview shows how the CIELCh color 81, 28.487, 30.051 looks on a white background.

Color Contrast Check

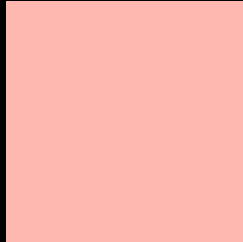
Large Text (above 18pt) WCAG AA × Fail

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, 28.487, 30.051 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

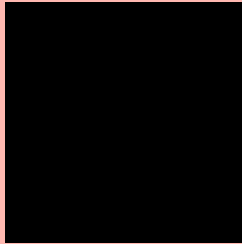
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 81, 28.487, 30.051

Background



This preview shows how black text looks on a background with the CIELCh color 81, 28.487, 30.051.



This preview shows how white text looks on a background with the CIELCh color 81, 28.487, 30.051.

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, 28.487, 30.051

Protanopia

81, 8.976, 89.671

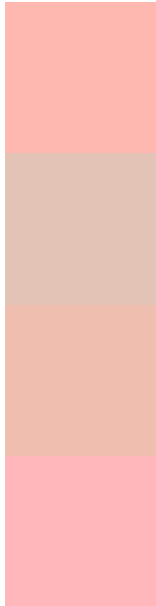
Deuteranopia

81, 18.090, 55.793



Tritanopia
81, 28.533, 8.096

Trichromacy



Original Color
81, 28.487, 30.051

Protanomaly
81, 13.850, 49.779

Deuteranomaly
81, 21.373, 42.384

Tritanomaly
81, 27.891, 16.396

Monochromacy



Original Color
81, 28.487, 30.051

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, 28.487, 30.051 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, 176)` looks like.

```
.text, #text, p{  
    color:rgb(255, 184, 176)  
}
```

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, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 184, 176) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 28.487, 30.051 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, 176) }
```

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

```
.border{ border-color:rgb(255, 184, 176) }
```

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, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 184, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 184, 176);  
box-shadow:4px 4px 4px 4px rgb(255, 184,  
176) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 28.487, 30.051 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, 176) }
```

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

```
.background{ background-color: rgb(255,  
184, 176) }
```

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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