

Converting Colors

CIELCh(81, 28.340, 24.841)

Have a look what the booklet for
CIELCh(81, 28.340, 24.841) contains.

CIELCh(81, 28.324, 24.881)	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, 28.324, 24.881)

Conversions

Conversions Part 1

Format	Color
Hex	FFB7B4
RGB	255, 183, 180
RGB Percent	100%, 72%, 71%
CMY	0.0000, 0.2820, 0.2938
CMYK	0.00, 0.28, 0.29, 0.00
HSL	2°, 100%, 85%
HSV	2°, 29%, 100%
XYZ	66.4639, 58.4711, 51.0023
YIQ	204.1860, 43.8750, 14.3310

Conversions

Conversions Part 2

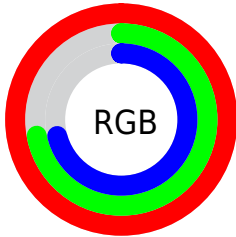
Format	Color
R _Y B	255, 183, 180
Decimal	16758708
CIE Lab	81.00, 25.70, 11.92
CIE LCh	81, 28.324, 24.881
Yxy	58.4711, 0.3778, 0.3323
Android (android.graphics.Color)	4294948788 (0xFFFFB7B4)
YUV	204.1860, -11.9237, 44.5639
Hunter-Lab	76.4664, 21.3344, 13.9807

Details

The CIELCh color **81, 28.324, 24.881** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **95, 22.996, 201.889**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 5.943, 34.603**, and **61, 28.287, 25.721** is the 20% darker color. If you saturate the color by 10%, you get **75, 39.389, 26.079**, and if you desaturate by 10%, it is **87, 17.928, 23.986**.

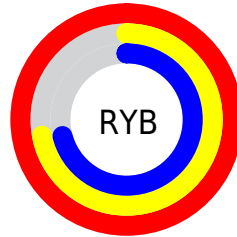
Distribution



Red (100%)

Green (72%)

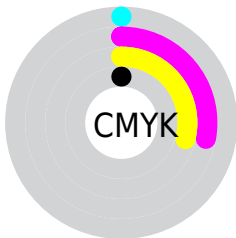
Blue (71%)



Red (100%)

Yellow (72%)

Blue (71%)

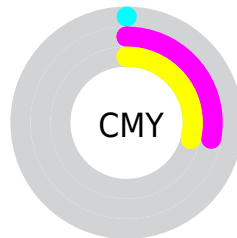


Cyan (0%)

Magenta (28%)

Yellow (29%)

Black (0%)



Cyan (0%)

Magenta (28%)

Yellow (29%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 28.324, 24.881 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, 28.324, 24.881 by changing the saturation by 10% instead.

 81, 28.324, 24.881

 81, 28.324, 24.881

 100, 28.324,
24.881

 71, 28.324, 24.881

 61, 28.324, 24.881

 51, 28.324, 24.881

 41, 28.324, 24.881

 31, 28.324, 24.881

 21, 28.324, 24.881

 11, 28.324, 24.881

 1, 28.324, 24.881

 0, 28.324, 24.881

81, 28.324, 24.881

81, 28.324, 24.881

75, 39.389, 26.079

87, 17.928, 23.986

69, 51.120, 27.653

94, 8.332, 23.281

64, 63.267, 29.704

100, 0.012,
296.813

60, 75.482, 32.282

57, 87.202, 35.288

55, 97.303, 38.222

54, 103.776,
40.156

53, 104.097,
40.281

Harmonies

Complementary

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



81, 28.324, 24.881



95, 22.996, 201.889

Rectangle

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



81, 28.324, 24.881



81, 28.324, 74.881



81, 28.324, 204.881



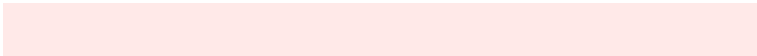
81, 28.324, 254.881

Sweetspot

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



81, 28.290, 24.887



94, 7.980, 23.256



82, 45.884, 326.982



49, 5.578, 23.351



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, 28.290, 24.887



78, 34.439, 25.515



90, 24.963, 75.137



50, 5.051, 23.289



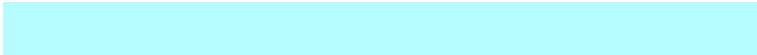
40, 83.678, 40.404



10, 32.559, 29.135

Inverse Universe

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



95, 22.996, 201.889



94, 26.754, 201.761



85, 23.392, 263.653



52, 4.750, 202.580



68, 38.221, 202.961



23, 17.691, 202.128

Previews

White Background



This preview shows how the CIELCh color 81, 28.324, 24.881 looks on a white background.

Color Contrast Check

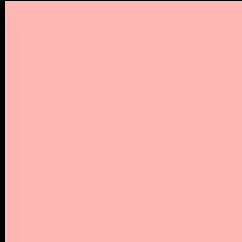
Large Text (above 18pt) WCAG AA × Fail

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, 28.324, 24.881 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, 28.324, 24.881

Background



This preview shows how black text looks on a background with the CIELCh color 81, 28.324, 24.881.



This preview shows how white text looks on a background with the CIELCh color 81, 28.324, 24.881.

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, 28.324, 24.881

Protanopia

81, 6.856, 87.032

Deuteranopia

81, 16.129, 51.716



Tritanopia
81, 28.533, 8.096

Trichromacy



Original Color
81, 28.324, 24.881

Protanomaly
81, 12.629, 39.722

Deuteranomaly
81, 19.729, 37.785

Tritanomaly
81, 28.319, 13.348

Monochromacy



Original Color
81, 28.324, 24.881

Achromatopsia
82, 0.010, 296.813

Achromatomaly
81, 10.170, 23.110

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 28.324, 24.881 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, 183, 180)` looks like.

```
.text, #text, p{  
    color:rgb(255, 183, 180)  
}
```

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, 183, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 183, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 28.324, 24.881 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, 183, 180) }
```

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

```
.border{ border-color:rgb(255, 183, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 183, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 183, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 183, 180);  
box-shadow:4px 4px 4px 4px rgb(255, 183,  
180) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 28.324, 24.881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 183, 180) }
```

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

```
.background{ background-color: rgb(255,  
183, 180) }
```

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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