

Converting Colors

CIELCh(81, 28.073, 20.828)

Have a look what the booklet for
CIELCh(81, 28.073, 20.828) contains.

CIELCh(81, 28.025, 20.673)	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, 28.025, 20.673)

Conversions

Conversions Part 1

Format	Color
Hex	FFB7B8
RGB	255, 183, 184
RGB Percent	100%, 72%, 72%
CMY	0.0007, 0.2830, 0.2791
CMYK	0.00, 0.28, 0.28, 0.00
HSL	359°, 99%, 86%
HSV	359°, 28%, 100%
XYZ	66.7003, 58.4711, 53.0213
YIQ	204.6420, 42.5910, 15.5750

Conversions

Conversions Part 2

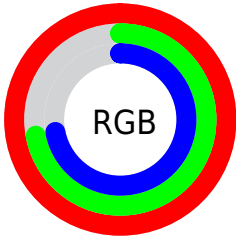
Format	Color
R _Y B	255, 183, 184
Decimal	16758712
CIE Lab	81.00, 26.22, 9.89
CIE LCh	81, 28.025, 20.673
Yxy	58.4711, 0.3743, 0.3281
Android (android.graphics.Color)	4294948792 (0xFFFFB7B8)
YUV	204.6420, -10.1765, 44.1640
Hunter-Lab	76.4664, 21.8861, 12.4152

Details

The CIELCh color **81, 28.025, 20.673** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **95, 23.196, 196.710**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 5.742, 14.583**, and **61, 28.290, 20.261** is the 20% darker color. If you saturate the color by 10%, you get **75, 39.300, 22.074**, and if you desaturate by 10%, it is **88, 17.431, 19.596**.

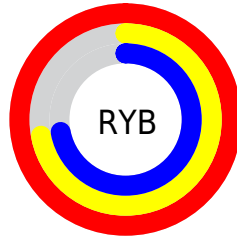
Distribution



Red (100%)

Green (72%)

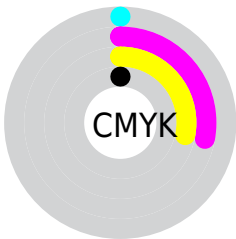
Blue (72%)



Red (100%)

Yellow (72%)

Blue (72%)

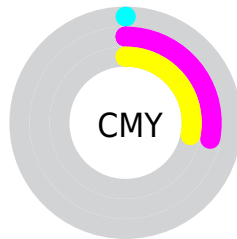


Cyan (0%)

Magenta (28%)

Yellow (28%)

Black (0%)



Cyan (0%)

Magenta (28%)

Yellow (28%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 28.025, 20.673 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, 28.025, 20.673 by changing the saturation by 10% instead.

 81, 28.025, 20.673

 81, 28.025, 20.673

 100, 28.025,
20.673

 71, 28.025, 20.673

 61, 28.025, 20.673

 51, 28.025, 20.673

 41, 28.025, 20.673

 31, 28.025, 20.673

 21, 28.025, 20.673

 11, 28.025, 20.673

 1, 28.025, 20.673

 0, 28.025, 20.673

81, 28.025, 20.673

81, 28.025, 20.673

75, 39.300, 22.074

88, 17.431, 19.596

69, 51.116, 23.892

94, 7.579, 18.718

64, 63.209, 26.249

100, 0.066,
209.531

60, 75.199, 29.236

56, 86.579, 32.805

54, 96.491, 36.528

53, 103.105,
39.279

53, 103.966,
39.617

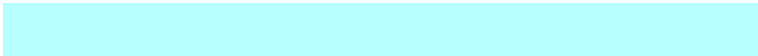
Harmonies

Complementary

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



81, 28.025, 20.673



95, 23.196, 196.710

Rectangle

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



81, 28.025, 20.673



81, 28.025, 70.673



81, 28.025, 200.673



81, 28.025, 250.673

Sweetspot

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



81, 28.023, 20.678



94, 7.348, 18.697



83, 44.902, 325.512



49, 5.252, 18.823



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, 28.023, 20.678



77, 34.452, 21.436



89, 23.322, 70.120



49, 5.252, 18.823



40, 83.599, 39.454



10, 33.252, 26.626

Inverse Universe

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



81, 28.023, 20.678



77, 34.452, 21.436



86, 21.384, 257.967



49, 5.252, 18.823



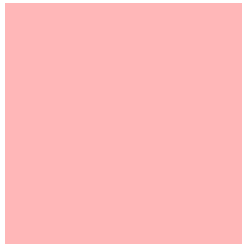
40, 83.599, 39.454



10, 33.252, 26.626

Previews

White Background



This preview shows how the CIELCh color 81, 28.025, 20.673 looks on a white background.

Color Contrast Check

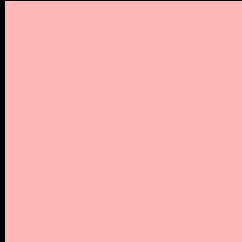
Large Text (above 18pt) WCAG AA × Fail

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, 28.025, 20.673 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

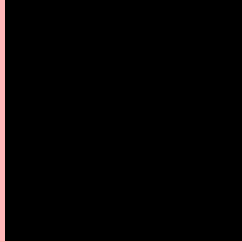
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 81, 28.025, 20.673

Background



This preview shows how black text looks on a background with the CIELCh color 81, 28.025, 20.673.

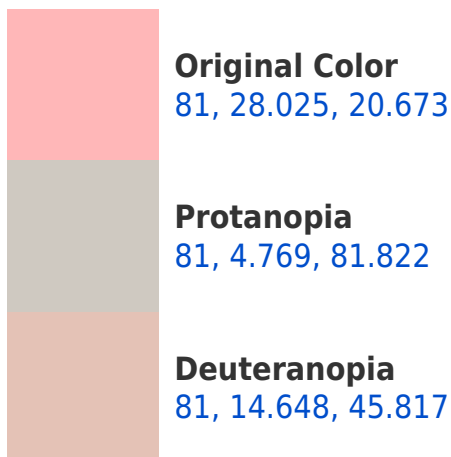


This preview shows how white text looks on a background with the CIELCh color 81, 28.025, 20.673.

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



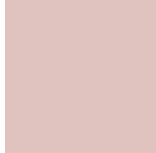


Tritanopia
81, 28.533, 8.096

Trichromacy



Original Color
81, 28.025, 20.673



Protanomaly
81, 11.599, 30.699



Deuteranomaly
81, 19.038, 31.934

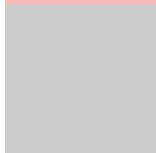


Tritanomaly
81, 28.341, 12.292

Monochromacy



Original Color
81, 28.025, 20.673



Achromatopsia
82, 0.010, 296.813



Achromatomaly
81, 9.751, 17.021

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 28.025, 20.673 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, 184)` looks like.

```
.text, #text, p{  
    color:rgb(255, 183, 184)  
}
```

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, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 183, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 28.025, 20.673 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, 184) }
```

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

```
.border{ border-color:rgb(255, 183, 184) }
```

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, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 183, 184); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 183, 184); box-shadow:4px 4px 4px 4px rgb(255, 183, 184) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 28.025, 20.673 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, 184) }
```

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

```
.background{ background-color: rgb(255,  
183, 184) }
```

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