

Converting Colors

CIELCh(81, 28.211, 26.884)

Have a look what the booklet for
CIELCh(81, 28.211, 26.884) contains.

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Color

CIELCh(81, 28.425, 25.917)

Conversions

Conversions Part 1

Format	Color
Hex	FFB7B3
RGB	255, 183, 179
RGB Percent	100%, 72%, 70%
CMY	0.0000, 0.2818, 0.2975
CMYK	0.00, 0.28, 0.30, 0.00
HSL	3°, 100%, 85%
HSV	3°, 30%, 100%
XYZ	66.4061, 58.4711, 50.5047
YIQ	204.0720, 44.1960, 14.0200

Conversions

Conversions Part 2

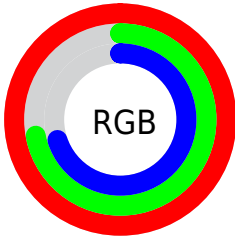
Format	Color
R _Y B	255, 183, 179
Decimal	16758707
CIE Lab	81.00, 25.57, 12.42
CIE LCh	81, 28.425, 25.917
Yxy	58.4711, 0.3786, 0.3334
Android (android.graphics.Color)	4294948787 (0xFFFFB7B3)
YUV	204.0720, -12.3605, 44.6639
Hunter-Lab	76.4664, 21.1994, 14.3665

Details

The CIELCh color **81, 28.425, 25.917** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **94, 22.963, 203.202**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 6.101, 39.218**, and **61, 28.414, 26.807** is the 20% darker color. If you saturate the color by 10%, you get **75, 39.388, 27.059**, and if you desaturate by 10%, it is **87, 18.083, 25.077**.

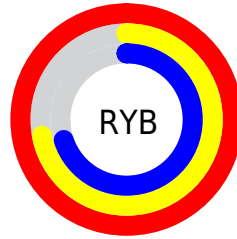
Distribution



Red (100%)

Green (72%)

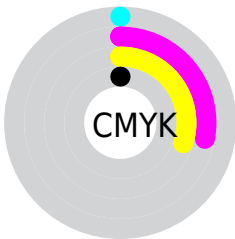
Blue (70%)



Red (100%)

Yellow (72%)

Blue (70%)

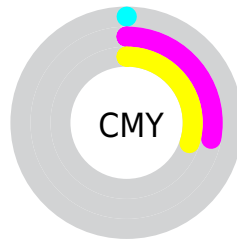


Cyan (0%)

Magenta (28%)

Yellow (30%)

Black (0%)



Cyan (0%)

Magenta (28%)

Yellow (30%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 28.425, 25.917 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, 28.425, 25.917 by changing the saturation by 10% instead.

 81, 28.425, 25.917

 81, 28.425, 25.917

 100, 28.425,
25.917

 71, 28.425, 25.917

 61, 28.425, 25.917

 51, 28.425, 25.917

 41, 28.425, 25.917

 31, 28.425, 25.917

 21, 28.425, 25.917

 11, 28.425, 25.917

 1, 28.425, 25.917

 0, 28.425, 25.917

81, 28.425, 25.917

81, 28.425, 25.917

75, 39.388, 27.059

87, 18.083, 25.077

70, 51.060, 28.562

94, 8.568, 24.418

65, 63.175, 30.522

100, 0.012,
296.813

60, 75.395, 32.982

57, 87.151, 35.833

55, 97.278, 38.570

54, 103.797,
40.332

54, 103.931,
40.380

Harmonies

Complementary

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



81, 28.425, 25.917



94, 22.963, 203.202

Rectangle

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



81, 28.425, 25.917



81, 28.425, 75.917



81, 28.425, 205.917



81, 28.425, 255.917

Sweetspot

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



81, 28.363, 25.926



94, 7.884, 24.372



82, 45.932, 327.488



49, 5.511, 24.461



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, 28.363, 25.926



77, 35.170, 26.596



90, 25.549, 76.741



50, 4.991, 24.403



40, 83.507, 40.532



10, 32.318, 29.757

Inverse Universe

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



94, 22.963, 203.202



93, 27.055, 203.108



84, 24.119, 265.432



52, 4.692, 203.787



67, 37.637, 205.212



22, 17.446, 204.076

Previews

White Background



This preview shows how the CIELCh color 81, 28.425, 25.917 looks on a white background.

Color Contrast Check

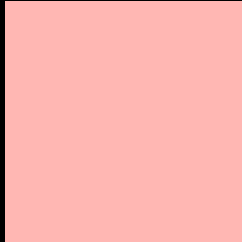
Large Text (above 18pt) WCAG AA × Fail

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, 28.425, 25.917 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, 28.425, 25.917

Background



This preview shows how black text looks on a background with the CIELCh color 81, 28.425, 25.917.

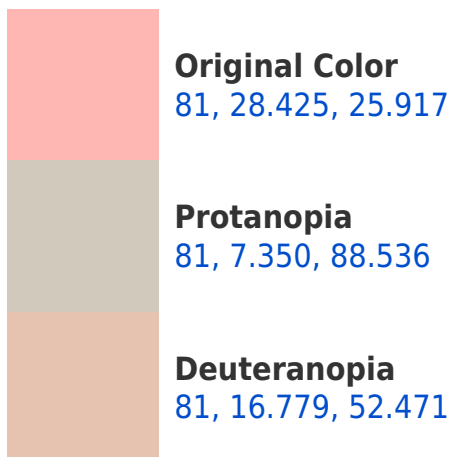


This preview shows how white text looks on a background with the CIELCh color 81, 28.425, 25.917.

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](#).

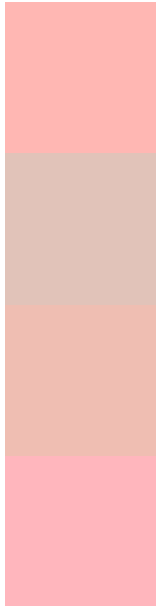
Dichromacy





Tritanopia
81, 28.533, 8.096

Trichromacy



Original Color
81, 28.425, 25.917

Protanomaly
81, 12.699, 44.671

Deuteranomaly
81, 20.317, 38.843

Tritanomaly
81, 28.307, 14.406

Monochromacy



Original Color
81, 28.425, 25.917

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, 28.425, 25.917 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, 179)` looks like.

```
.text, #text, p{  
    color:rgb(255, 183, 179)  
}
```

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, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 183, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 28.425, 25.917 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, 179) }
```

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

```
.border{ border-color:rgb(255, 183, 179) }
```

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, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 183, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 183, 179);  
box-shadow:4px 4px 4px 4px rgb(255, 183,  
179) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 28.425, 25.917 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, 179) }
```

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

```
.background{ background-color: rgb(255,  
183, 179) }
```

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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