

Converting Colors

CIELCh(99, 82.539, 23.027)

Have a look what the booklet for
CIELCh(99, 82.539, 23.027) contains.

CIELCh(82, 27.550, 10.830)	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(82, 27.550, 10.830)

Conversions

Conversions Part 1

Format	Color
Hex	FFB9C3
RGB	255, 185, 195
RGB Percent	100%, 73%, 76%
CMY	0.0000, 0.2733, 0.2341
CMYK	0.00, 0.27, 0.23, 0.00
HSL	351°, 100%, 86%
HSV	351°, 27%, 100%
XYZ	69.0462, 60.2982, 59.8032
YIQ	207.0700, 38.5100, 17.9500

Conversions

Conversions Part 2

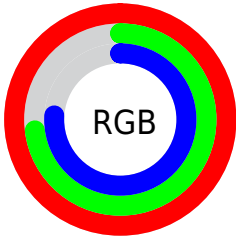
Format	Color
R _Y B	255, 185, 195
Decimal	16759235
CIE Lab	82.00, 27.06, 5.18
CIE LCh	82, 27.550, 10.830
Yxy	60.2982, 0.3650, 0.3188
Android (android.graphics.Color)	4294949315 (0xFFFFB9C3)
YUV	207.0700, -5.9505, 42.0346
Hunter-Lab	77.6519, 22.8270, 8.6945

Details

The CIELCh color **82, 27.550, 10.830** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **95, 23.613, 185.317**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 7.139, 334.029**, and **62, 27.264, 10.777** is the 20% darker color. If you saturate the color by 10%, you get **76, 37.814, 12.109**, and if you desaturate by 10%, it is **88, 16.658, 9.302**.

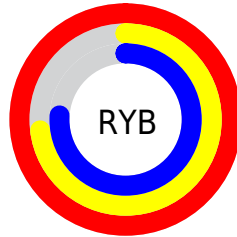
Distribution



Red (100%)

Green (73%)

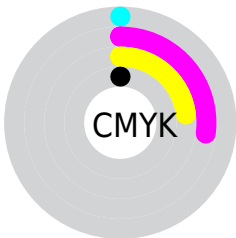
Blue (76%)



Red (100%)

Yellow (73%)

Blue (76%)

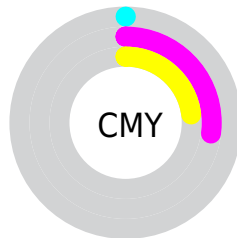


Cyan (0%)

Magenta (27%)

Yellow (23%)

Black (0%)



Cyan (0%)

Magenta (27%)

Yellow (23%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 27.550, 10.830 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 82, 27.550, 10.830 by changing the saturation by 10% instead.

 82, 27.550, 10.830

 82, 27.550, 10.830

 100, 27.550,
10.830

 72, 27.550, 10.830

 62, 27.550, 10.830

 52, 27.550, 10.830

 42, 27.550, 10.830

 32, 27.550, 10.830

 22, 27.550, 10.830

 12, 27.550, 10.830

 2, 27.550, 10.830

 0, 27.550, 10.830

82, 27.550, 10.830

82, 27.550, 10.830

76, 37.814, 12.109

88, 16.658, 9.302

70, 48.850, 14.045

95, 6.840, 8.219

65, 59.814, 16.501

100, 0.012,
296.813

60, 70.312, 19.624

57, 79.958, 23.531

55, 88.498, 28.186

54, 95.772, 33.187

53, 97.553, 34.395

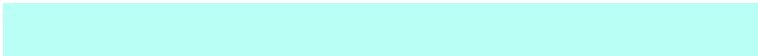
Harmonies

Complementary

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



82, 27.550, 10.830



95, 23.613, 185.317

Rectangle

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



82, 27.550, 10.830



82, 27.550, 60.830



82, 27.550, 190.830



82, 27.550, 240.830

Sweetspot

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



82, 27.017, 10.563



95, 7.476, 8.289



83, 42.004, 321.553



50, 5.337, 8.448



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



82, 27.017, 10.563



78, 33.092, 11.398



87, 21.933, 55.482



50, 5.337, 8.448



40, 77.816, 33.495



10, 32.320, 21.298

Inverse Universe

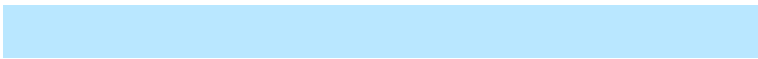
The Inverse Universe completely reimagines the original color for something new.



82, 27.017, 10.563



78, 33.092, 11.398



89, 18.956, 241.027



50, 5.337, 8.448



40, 77.816, 33.495



10, 32.320, 21.298

Previews

White Background



This preview shows how the CIELCh color 82, 27.550, 10.830 looks on a white background.

Color Contrast Check

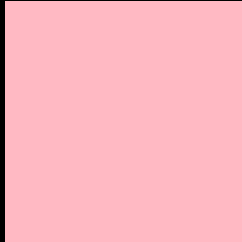
Large Text (above 18pt) WCAG AA × Fail

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 82, 27.550, 10.830 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 82, 27.550, 10.830

Background



This preview shows how black text looks on a background with the CIELCh color 82, 27.550, 10.830.

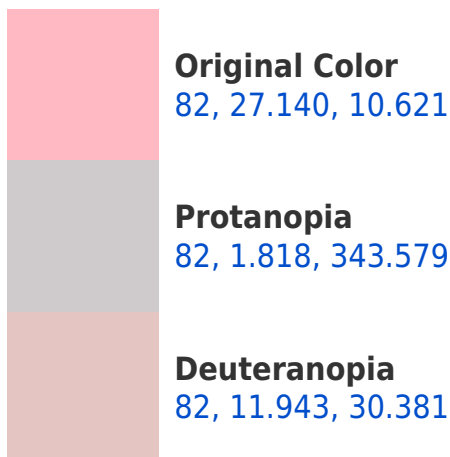


This preview shows how white text looks on a background with the CIELCh color 82, 27.550, 10.830.

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
82, 27.408, 6.271

Trichromacy



Original Color
82, 27.140, 10.621

Protanomaly
82, 10.274, 8.338

Deuteranomaly
82, 17.118, 18.993

Tritanomaly
82, 27.325, 7.350

Monochromacy



Original Color
82, 27.140, 10.621

Achromatopsia
83, 0.010, 296.813

Achromatomaly
82, 9.517, 7.321

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 27.550, 10.830 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, 185, 195)` looks like.

```
.text, #text, p{  
    color:rgb(255, 185, 195)  
}
```

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, 185, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 185, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 27.550, 10.830 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, 185, 195) }
```

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

```
.border{ border-color:rgb(255, 185, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 185, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 185, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 185, 195);  
box-shadow:4px 4px 4px 4px rgb(255, 185,  
195) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 27.550, 10.830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 185, 195) }
```

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

```
.background{ background-color: rgb(255,  
185, 195) }
```

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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