

Converting Colors

CIELCh(86, 20.344, 20.047)

Have a look what the booklet for
CIELCh(86, 20.344, 20.047) contains.

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Color

CIELCh(86, 20.052, 19.453)

Conversions

Conversions Part 1

Format	Color
Hex	FFCACB
RGB	255, 202, 203
RGB Percent	100%, 79%, 80%
CMY	0.0000, 0.2069, 0.2030
CMYK	0.00, 0.21, 0.20, 0.00
HSL	359°, 100%, 90%
HSV	359°, 21%, 100%
XYZ	73.3203, 67.9871, 65.9096
YIQ	217.9610, 31.2670, 11.5470

Conversions

Conversions Part 2

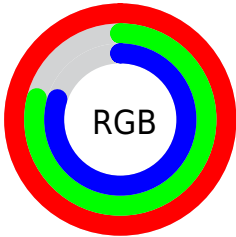
Format	Color
R _Y B	255, 202, 203
Decimal	16763595
CIE Lab	86.00, 18.91, 6.68
CIE LCh	86, 20.052, 19.453
Yxy	67.9871, 0.3538, 0.3281
Android (android.graphics.Color)	4294953675 (0xFFFFCACB)
YUV	217.9610, -7.3758, 32.4832
Hunter-Lab	82.4543, 14.4313, 10.3247

Details

The CIELCh color **86, 20.052, 19.453** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **97, 17.466, 196.665**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **66, 20.144, 19.807** is the 20% darker color. If you saturate the color by 10%, you get **80, 30.707, 20.605**, and if you desaturate by 10%, it is **93, 9.918, 18.519**.

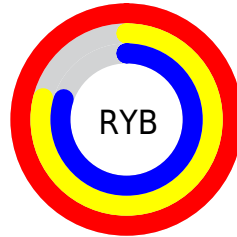
Distribution



Red (100%)

Green (79%)

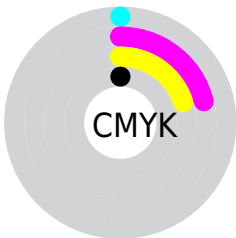
Blue (80%)



Red (100%)

Yellow (79%)

Blue (80%)

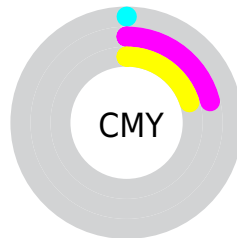


Cyan (0%)

Magenta (21%)

Yellow (20%)

Black (0%)



Cyan (0%)

Magenta (21%)

Yellow (20%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 20.052, 19.453 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 86, 20.052, 19.453 by changing the saturation by 10% instead.

 86, 20.052, 19.453

 86, 20.052, 19.453

 100, 20.052,
19.453

 76, 20.052, 19.453

 66, 20.052, 19.453

 56, 20.052, 19.453

 46, 20.052, 19.453

 36, 20.052, 19.453

 26, 20.052, 19.453

 16, 20.052, 19.453

 6, 20.052, 19.453

 0, 20.052, 19.453

86, 20.052, 19.453

86, 20.052, 19.453

80, 30.707, 20.605

93, 9.918, 18.519

73, 42.114, 22.104

100, 0.615, 16.811

68, 53.994, 24.054

100, 0.012,
296.813

63, 66.054, 26.572

59, 77.891, 29.733

56, 88.964, 33.435

54, 98.293, 37.129

53, 103.832,
39.482

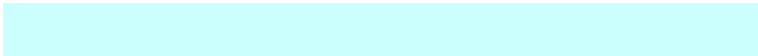
Harmonies

Complementary

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



86, 20.052, 19.453



97, 17.466, 196.665

Rectangle

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



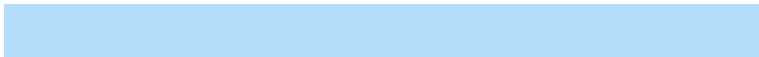
86, 20.052, 19.453



86, 20.052, 69.453



86, 20.052, 199.453



86, 20.052, 249.453

Sweetspot

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



86, 19.950, 19.444



96, 5.469, 18.115



87, 32.766, 324.639



51, 3.636, 18.174



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



86, 19.950, 19.444



83, 24.504, 19.910



92, 16.630, 69.238



49, 5.252, 18.418



40, 83.381, 39.261



10, 33.211, 26.425

Inverse Universe

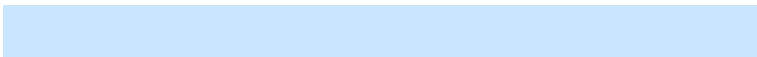
The Inverse Universe completely reimagines the original color for something new.



86, 19.950, 19.444



83, 24.504, 19.910



90, 15.551, 254.672



49, 5.252, 18.418



40, 83.381, 39.261



10, 33.211, 26.425

Previews

White Background



This preview shows how the CIELCh color 86, 20.052, 19.453 looks on a white background.

Color Contrast Check

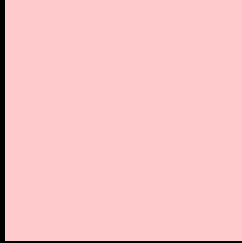
Large Text (above 18pt) WCAG AA × Fail

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 86, 20.052, 19.453 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 86, 20.052, 19.453

Background



This preview shows how black text looks on a background with the CIELCh color 86, 20.052, 19.453.

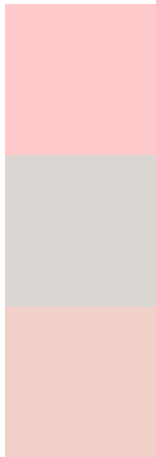


This preview shows how white text looks on a background with the CIELCh color 86, 20.052, 19.453.

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

86, 20.052, 19.453

Protanopia

86, 3.012, 63.276

Deuteranopia

86, 12.824, 34.326



Tritanopia
86, 21.389, 359.723

Trichromacy



Original Color
86, 20.052, 19.453

Protanomaly
86, 8.581, 26.937

Deuteranomaly
86, 15.257, 28.306

Tritanomaly
86, 20.757, 6.556

Monochromacy



Original Color
86, 20.052, 19.453

Achromatopsia
87, 0.010, 296.813

Achromatomaly
86, 6.989, 15.564

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 20.052, 19.453 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, 202, 203)` looks like.

```
.text, #text, p{  
    color:rgb(255, 202, 203)  
}
```

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, 202, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 202, 203) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 20.052, 19.453 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, 202, 203) }
```

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

```
.border{ border-color:rgb(255, 202, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 202, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 202, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 202, 203);  
box-shadow:4px 4px 4px 4px rgb(255, 202,  
203) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 20.052, 19.453 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 202, 203) }
```

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

```
.background{ background-color: rgb(255,  
202, 203) }
```

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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