

Converting Colors

CIELCh(86, 20.455, 1.032)

Have a look what the booklet for
CIELCh(86, 20.455, 1.032) contains.

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Color

CIELCh(86, 20.368, 1.638)

Conversions

Conversions Part 1

Format	Color
Hex	FECAD7
RGB	254, 202, 215
RGB Percent	100%, 79%, 84%
CMY	0.0052, 0.2091, 0.1581
CMYK	0.00, 0.20, 0.15, 0.01
HSL	345°, 95%, 89%
HSV	345°, 20%, 99%
XYZ	74.0191, 67.9871, 73.2936
YIQ	219.0300, 26.8190, 15.0670

Conversions

Conversions Part 2

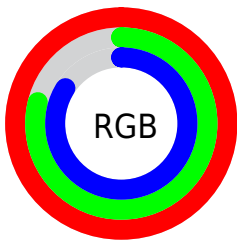
Format	Color
RYB	254, 202, 215
Decimal	16698071
CIELab	86.00, 20.36, 0.58
CIELCh	86, 20.368, 1.638
Yxy	67.9871, 0.3438, 0.3158
Android (android.graphics.Color)	4294888151 (0xFFFECAD7)
YUV	219.0300, -1.9868, 30.6687
Hunter-Lab	82.4543, 15.9442, 5.0151

Details

The CIELCh color **86, 20.368, 1.638** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **96, 18.962, 177.594**, 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, 20.265, 2.529** is the 20% darker color. If you saturate the color by 10%, you get **80, 30.889, 2.996**, and if you desaturate by 10%, it is **93, 10.196, 0.481**.

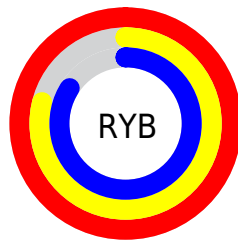
Distribution



Red (100%)

Green (79%)

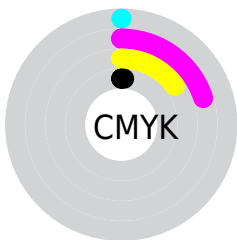
Blue (84%)



Red (100%)

Yellow (79%)

Blue (84%)

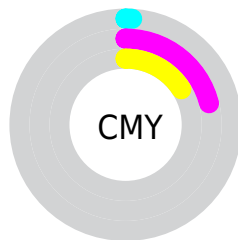


Cyan (0%)

Magenta (20%)

Yellow (15%)

Black (1%)



Cyan (1%)

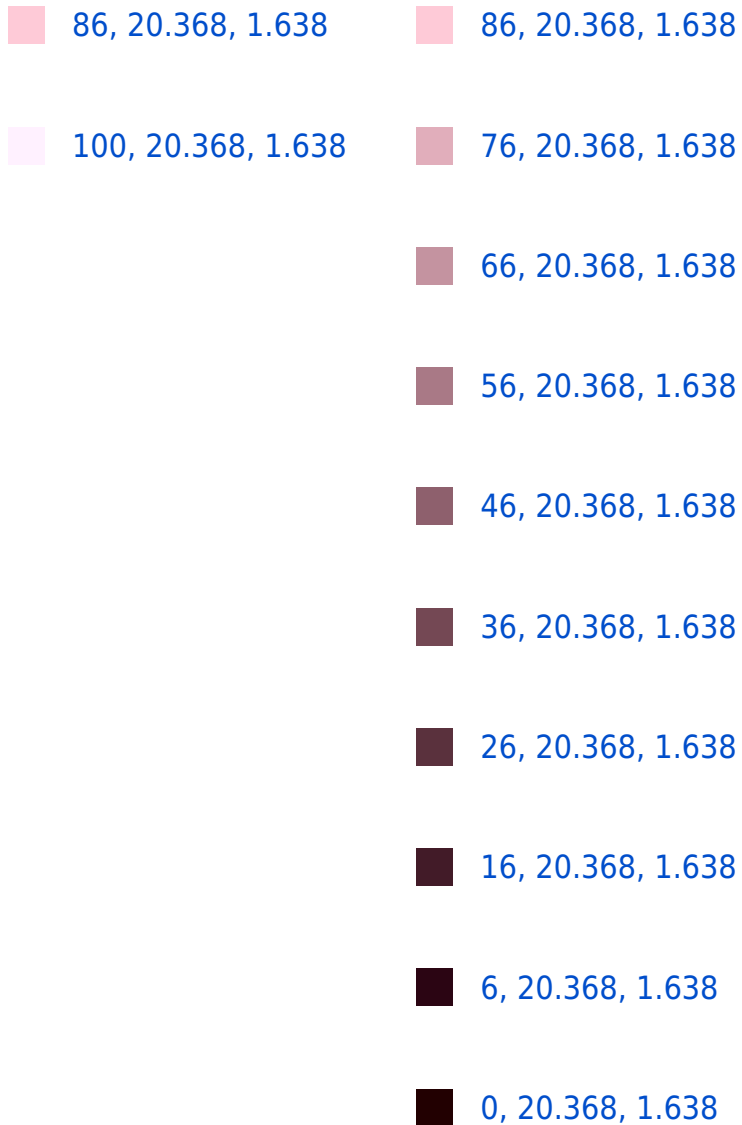
Magenta (21%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 20.368, 1.638 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, 20.368, 1.638 by changing the saturation by 10% instead.



86, 20.368, 1.638

86, 20.368, 1.638

80, 30.889, 2.996

93, 10.196, 0.481

74, 41.590, 4.628

99, 0.471, 358.312

68, 52.180, 6.642

100, 0.464,
200.804

63, 62.259, 9.173

59, 71.364, 12.386

56, 79.117, 16.443

54, 85.428, 21.406

53, 90.509, 26.685

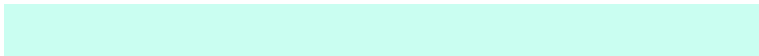
Harmonies

Complementary

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



86, 20.368, 1.638



96, 18.962, 177.594

Rectangle

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



86, 20.368, 1.638



86, 20.368, 51.638



86, 20.368, 181.638



86, 20.368, 231.638

Sweetspot

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



86, 20.365, 1.642



96, 5.795, 359.983



86, 30.497, 318.182



51, 3.849, 0.057



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

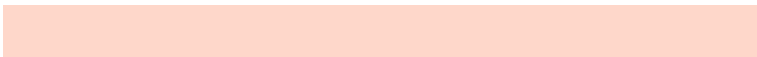
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86, 20.365, 1.642



84, 25.181, 2.225



89, 16.320, 44.590



50, 5.536, 0.373



40, 72.626, 25.625



10, 31.700, 15.991

Inverse Universe

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



86, 20.365, 1.642



84, 25.181, 2.225



93, 14.332, 226.757



50, 5.536, 0.373



40, 72.626, 25.625



10, 31.700, 15.991

Previews

White Background



This preview shows how the CIELCh color 86, 20.368, 1.638 looks on a white background.

Color Contrast Check

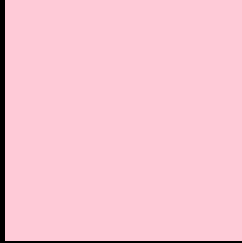
Large Text (above 18pt) WCAG AA × Fail

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 86, 20.368, 1.638 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, 20.368, 1.638

Background



This preview shows how black text looks on a background with the CIELCh color 86, 20.368, 1.638.

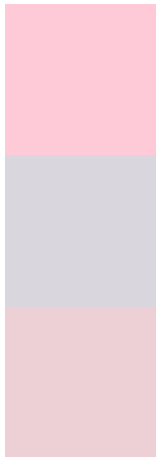


This preview shows how white text looks on a background with the CIELCh color 86, 20.368, 1.638.

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, 20.368, 1.638

Protanopia

86, 4.353, 304.752

Deuteranopia

86, 10.996, 6.482



Tritanopia
86, 21.208, 357.981

Trichromacy



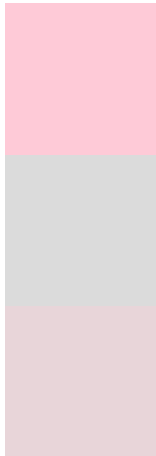
Original Color
86, 20.368, 1.638

Protanomaly
86, 8.679, 347.143

Deuteranomaly
86, 14.268, 3.499

Tritanomaly
86, 21.041, 359.310

Monochromacy



Original Color
86, 20.368, 1.638

Achromatopsia
87, 0.010, 296.813

Achromatomaly
87, 7.245, 3.142

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 20.368, 1.638 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(254, 202, 215)` looks like.

```
.text, #text, p{  
    color:rgb(254, 202, 215)  
}
```

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(254, 202, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 202, 215) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 20.368, 1.638 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(254, 202, 215) }
```

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

```
.border{ border-color:rgb(254, 202, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 202, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 202, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 202, 215);  
box-shadow:4px 4px 4px 4px rgb(254, 202,  
215) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 20.368, 1.638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 202, 215) }
```

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

```
.background{ background-color: rgb(254,  
202, 215) }
```

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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