

Converting Colors

CIELCh(88, 29.537, 25.827)

Have a look what the booklet for
CIELCh(88, 29.537, 25.827) contains.

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Color

CIELCh(86, 20.365, 26.745)

Conversions

Conversions Part 1

Format	Color
Hex	FFCBC7
RGB	255, 203, 199
RGB Percent	100%, 80%, 78%
CMY	0.0000, 0.2056, 0.2213
CMYK	0.00, 0.21, 0.22, 0.00
HSL	4°, 100%, 89%
HSV	4°, 22%, 100%
XYZ	72.9750, 67.9871, 63.0459
YIQ	218.0920, 32.2760, 9.7800

Conversions

Conversions Part 2

Format	Color
R _Y B	255, 203, 199
Decimal	16763847
CIE Lab	86.00, 18.19, 9.16
CIE LCh	86, 20.365, 26.745
Yxy	67.9871, 0.3577, 0.3333
Android (android.graphics.Color)	4294953927 (0xFFFFCBC7)
YUV	218.0920, -9.4124, 32.3683
Hunter-Lab	82.4543, 13.6838, 12.3839

Details

The CIELCh color **86, 20.365, 26.745** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **95, 17.275, 205.257**, 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, 19.682, 27.590** is the 20% darker color. If you saturate the color by 10%, you get **80, 30.439, 27.621**, and if you desaturate by 10%, it is **92, 10.585, 26.191**.

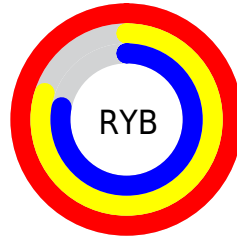
Distribution



Red (100%)

Green (80%)

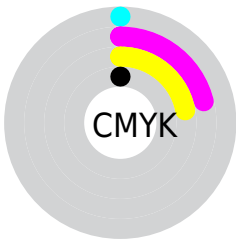
Blue (78%)



Red (100%)

Yellow (80%)

Blue (78%)

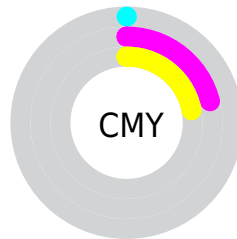


Cyan (0%)

Magenta (21%)

Yellow (22%)

Black (0%)



Cyan (0%)

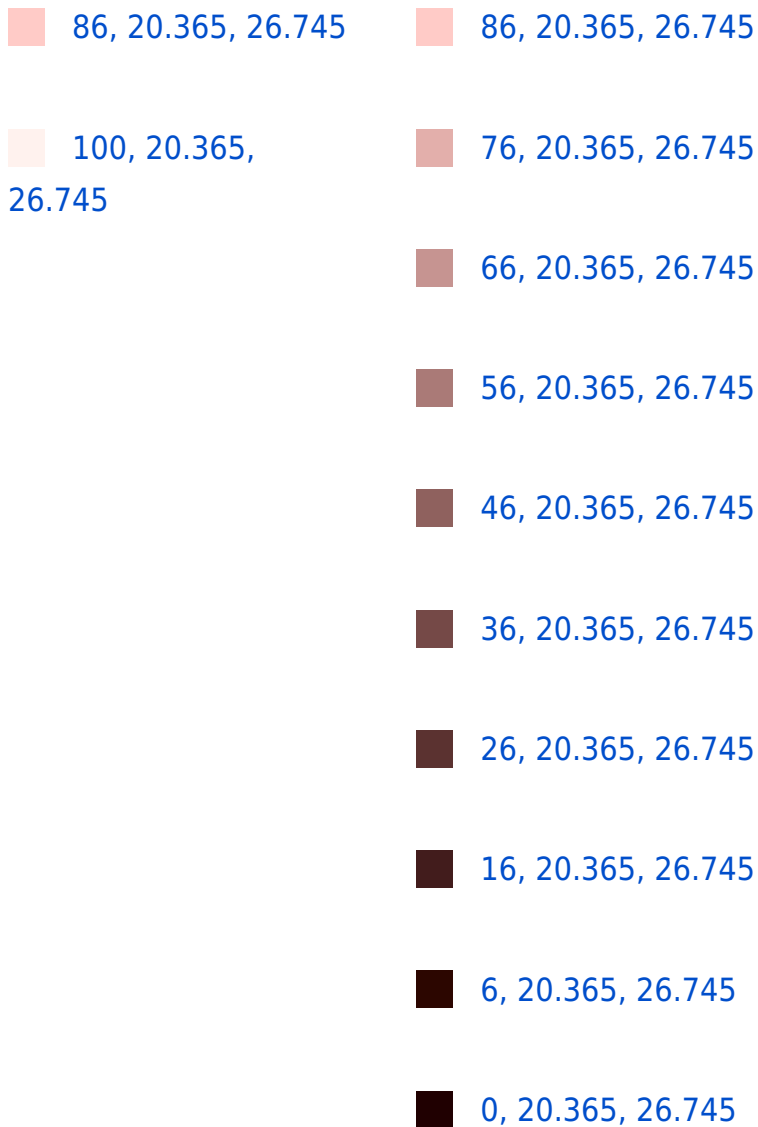
Magenta (21%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 20.365, 26.745 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, 20.365, 26.745 by changing the saturation by 10% instead.



86, 20.365, 26.745

86, 20.365, 26.745

80, 30.439, 27.621

92, 10.585, 26.191

74, 41.492, 28.724

99, 1.784, 25.464

69, 53.187, 30.195

100, 0.012,
296.813

64, 65.314, 32.106

60, 77.511, 34.472

57, 89.123, 37.120

55, 98.731, 39.433

54, 103.643,
40.554

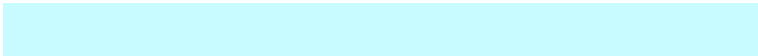
Harmonies

Complementary

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



86, 20.365, 26.745



95, 17.275, 205.257

Rectangle

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



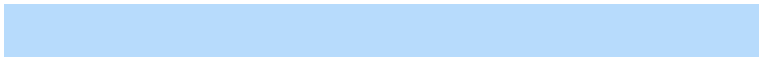
86, 20.365, 26.745



86, 20.365, 76.745



86, 20.365, 206.745



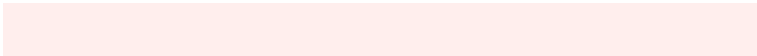
86, 20.365, 256.745

Sweetspot

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



86, 20.128, 26.804



95, 5.980, 25.911



86, 33.833, 327.546



50, 3.896, 25.945



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, 20.128, 26.804



83, 25.053, 27.171



93, 18.945, 79.383



50, 4.908, 26.049



40, 83.237, 40.736



10, 31.986, 30.651

Inverse Universe

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



95, 17.275, 205.257



94, 20.705, 205.188



88, 18.281, 265.626



52, 4.613, 205.570



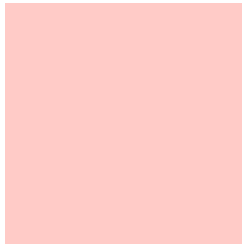
66, 36.889, 208.578



22, 17.126, 206.980

Previews

White Background



This preview shows how the CIELCh color 86, 20.365, 26.745 looks on a white background.

Color Contrast Check

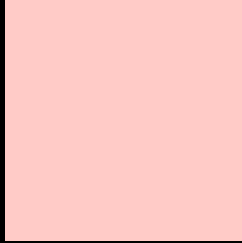
Large Text (above 18pt) WCAG AA × Fail

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, 20.365, 26.745 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

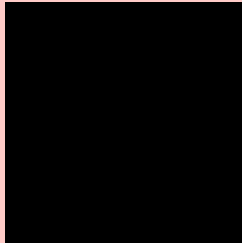
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 86, 20.365, 26.745

Background



This preview shows how black text looks on a background with the CIELCh color 86, 20.365, 26.745.

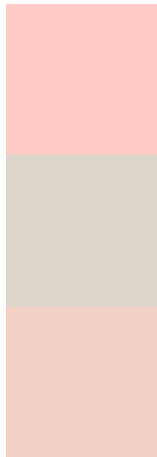


This preview shows how white text looks on a background with the CIELCh color 86, 20.365, 26.745.

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, 19.953, 26.825

Protanopia

86, 5.349, 80.895

Deuteranopia

86, 13.945, 42.128



Tritanopia
86, 21.238, 1.054

Trichromacy



Original Color
86, 19.953, 26.825

Protanomaly
86, 9.342, 42.915

Deuteranomaly
86, 16.181, 35.354

Tritanomaly
86, 20.139, 10.588

Monochromacy



Original Color
86, 19.953, 26.825

Achromatopsia
87, 0.010, 296.813

Achromatomaly
86, 7.008, 24.098

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 20.365, 26.745 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, 203, 199)` looks like.

```
.text, #text, p{  
    color:rgb(255, 203, 199)  
}
```

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, 203, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 203, 199) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 20.365, 26.745 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, 203, 199) }
```

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

```
.border{ border-color:rgb(255, 203, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 203, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 203, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 203, 199);  
box-shadow:4px 4px 4px 4px rgb(255, 203,  
199) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 20.365, 26.745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 203, 199) }
```

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

```
.background{ background-color: rgb(255,  
203, 199) }
```

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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