

Converting Colors

CIELCh(87, 26.681, 14.016)

Have a look what the booklet for
CIELCh(87, 26.681, 14.016) contains.

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Color

CIELCh(86, 20.933, 11.056)

Conversions

Conversions Part 1

Format	Color
Hex	FFC9D0
RGB	255, 201, 208
RGB Percent	100%, 79%, 82%
CMY	0.0000, 0.2107, 0.1832
CMYK	0.00, 0.21, 0.18, 0.00
HSL	352°, 100%, 89%
HSV	352°, 21%, 100%
XYZ	74.1084, 67.9871, 69.0720
YIQ	217.9440, 29.9370, 13.6250

Conversions

Conversions Part 2

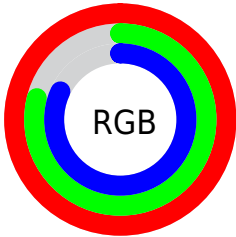
Format	Color
R _Y B	255, 201, 208
Decimal	16763344
CIE Lab	86.00, 20.54, 4.01
CIE LCh	86, 20.933, 11.056
Yxy	67.9871, 0.3509, 0.3220
Android (android.graphics.Color)	4294953424 (0xFFFFC9D0)
YUV	217.9440, -4.9024, 32.4981
Hunter-Lab	82.4543, 16.1374, 8.0508

Details

The CIELCh color **86, 20.933, 11.056** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **96, 18.384, 186.978**, 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, 20.607, 10.770** is the 20% darker color. If you saturate the color by 10%, you get **79, 30.972, 12.109**, and if you desaturate by 10%, it is **92, 10.406, 9.643**.

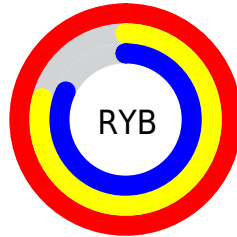
Distribution



Red (100%)

Green (79%)

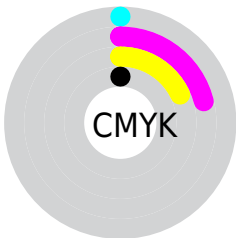
Blue (82%)



Red (100%)

Yellow (79%)

Blue (82%)

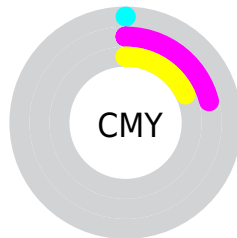


Cyan (0%)

Magenta (21%)

Yellow (18%)

Black (0%)



Cyan (0%)

Magenta (21%)

Yellow (18%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 20.933, 11.056 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, 20.933, 11.056 by changing the saturation by 10% instead.

 86, 20.933, 11.056

 86, 20.933, 11.056

 100, 20.933,
11.056

 76, 20.933, 11.056

 66, 20.933, 11.056

 56, 20.933, 11.056

 46, 20.933, 11.056

 36, 20.933, 11.056

 26, 20.933, 11.056

 16, 20.933, 11.056

 6, 20.933, 11.056

 0, 20.933, 11.056

86, 20.933, 11.056

86, 20.933, 11.056

79, 30.972, 12.109

92, 10.406, 9.643

73, 41.926, 13.780

99, 0.974, 8.146

68, 53.050, 15.890

100, 0.012,
296.813

63, 64.002, 18.578

59, 74.383, 21.982

56, 83.838, 26.166

54, 92.127, 30.959

53, 98.382, 35.154

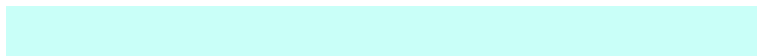
Harmonies

Complementary

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



86, 20.933, 11.056



96, 18.384, 186.978

Rectangle

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



86, 20.933, 11.056



86, 20.933, 61.056



86, 20.933, 191.056



86, 20.933, 241.056

Sweetspot

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



86, 20.422, 10.763



96, 5.554, 9.111



87, 32.455, 321.758



51, 3.692, 9.182



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

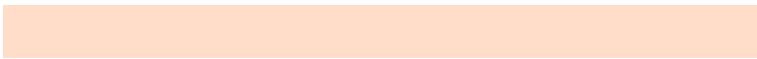
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86, 20.422, 10.763



83, 24.515, 11.260



90, 16.529, 57.887



50, 5.321, 9.480



40, 78.485, 34.292



10, 32.402, 21.851

Inverse Universe

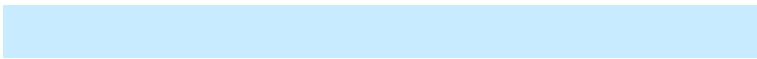
The Inverse Universe completely reimagines the original color for something new.



86, 20.422, 10.763



83, 24.515, 11.260



91, 14.901, 242.304



50, 5.321, 9.480



40, 78.485, 34.292



10, 32.402, 21.851

Previews

White Background



This preview shows how the CIELCh color 86, 20.933, 11.056 looks on a white background.

Color Contrast Check

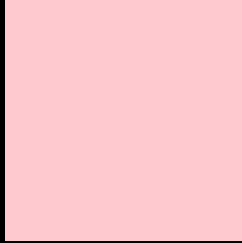
Large Text (above 18pt) WCAG AA × Fail

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, 20.933, 11.056 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, 20.933, 11.056

Background



This preview shows how black text looks on a background with the CIELCh color 86, 20.933, 11.056.



This preview shows how white text looks on a background with the CIELCh color 86, 20.933, 11.056.

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, 20.535, 10.825

Protanopia

86, 1.892, 3.167

Deuteranopia

86, 11.562, 22.796



Tritanopia
86, 21.918, 358.840

Trichromacy



Original Color
86, 20.535, 10.825

Protanomaly
86, 8.703, 6.115

Deuteranomaly
86, 14.588, 18.438

Tritanomaly
86, 21.476, 2.775

Monochromacy



Original Color
86, 20.535, 10.825

Achromatopsia
87, 0.010, 296.813

Achromatomaly
86, 7.038, 11.328

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 20.933, 11.056 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, 201, 208)` looks like.

```
.text, #text, p{  
    color:rgb(255, 201, 208)  
}
```

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, 201, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 201, 208) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 20.933, 11.056 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, 201, 208) }
```

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

```
.border{ border-color:rgb(255, 201, 208) }
```

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

Here you see how a box with a 4 pixel rgb(255, 201, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 201, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 201, 208);  
box-shadow:4px 4px 4px 4px rgb(255, 201,  
208) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 20.933, 11.056 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 201, 208) }
```

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

```
.background{ background-color: rgb(255,  
201, 208) }
```

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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