

Converting Colors

CIELCh(86, 22.189, 41.317)

Have a look what the booklet for
CIELCh(86, 22.189, 41.317) contains.

CIELCh(86, 21.789, 41.665)	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(86, 21.789, 41.665)

Conversions

Conversions Part 1

Format	Color
Hex	FFCCBD
RGB	255, 204, 189
RGB Percent	100%, 80%, 74%
CMY	0.0000, 0.2018, 0.2607
CMYK	0.00, 0.20, 0.26, 0.00
HSL	14°, 100%, 87%
HSV	14°, 26%, 100%
XYZ	72.0660, 67.9871, 57.2002
YIQ	217.5390, 35.2110, 6.1470

Conversions

Conversions Part 2

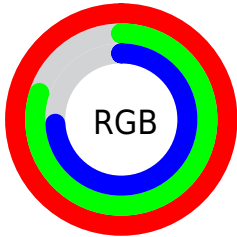
Format	Color
R _Y B	255, 208, 189
Decimal	16764093
CIE Lab	86.00, 16.28, 14.48
CIE LCh	86, 21.789, 41.665
Yxy	67.9871, 0.3653, 0.3447
Android (android.graphics.Color)	4294954173 (0xFFFFCCBD)
YUV	217.5390, -14.0697, 32.8533
Hunter-Lab	82.4543, 11.7159, 16.5873

Details

The CIELCh color **86, 21.789, 41.665** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **92, 18.113, 224.022**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 5.059, 109.785**, and **66, 21.136, 42.229** is the 20% darker color. If you saturate the color by 10%, you get **81, 31.131, 41.870**, and if you desaturate by 10%, it is **91, 12.756, 42.010**.

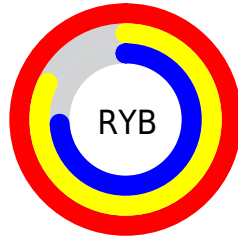
Distribution



Red (100%)

Green (80%)

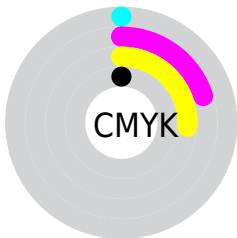
Blue (74%)



Red (100%)

Yellow (82%)

Blue (74%)

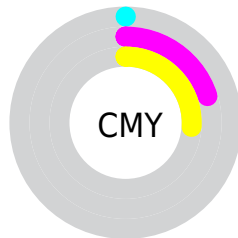


Cyan (0%)

Magenta (20%)

Yellow (26%)

Black (0%)



Cyan (0%)

Magenta (20%)

Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 21.789, 41.665 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, 21.789, 41.665 by changing the saturation by 10% instead.

 86, 21.789, 41.665

 86, 21.789, 41.665

 100, 21.789,
41.665

 76, 21.789, 41.665

 66, 21.789, 41.665

 56, 21.789, 41.665

 46, 21.789, 41.665

 36, 21.789, 41.665

 26, 21.789, 41.665

 16, 21.789, 41.665

 6, 21.789, 41.665

 0, 21.789, 41.665

86, 21.789, 41.665

86, 21.789, 41.665

81, 31.131, 41.870

91, 12.756, 42.010

76, 41.440, 42.033

97, 4.623, 42.183

71, 52.467, 42.395

100, 0.012,
296.813

67, 64.070, 42.960

63, 75.893, 43.653

60, 87.114, 44.217

57, 96.019, 44.033

56, 98.790, 43.836

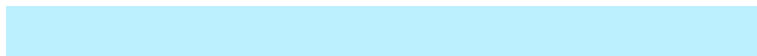
Harmonies

Complementary

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



86, 21.789, 41.665



92, 18.113, 224.022

Rectangle

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



86, 21.789, 41.665



86, 21.789, 91.665



86, 21.789, 221.665



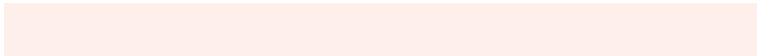
86, 21.789, 271.665

Sweetspot

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



86, 21.576, 41.876



96, 6.145, 42.160



84, 35.927, 332.825



50, 4.394, 42.134



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

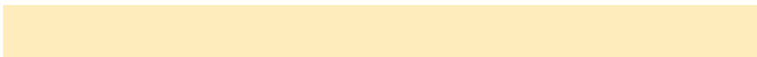
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86, 21.576, 41.876



83, 26.195, 41.854



94, 25.455, 91.643



50, 4.394, 42.134



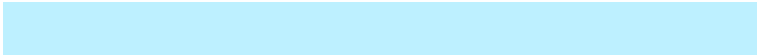
43, 79.094, 44.289



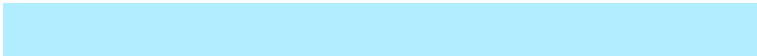
12, 29.600, 38.714

Inverse Universe

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



92, 18.113, 224.022



90, 21.169, 224.459



83, 25.691, 278.753



52, 4.145, 223.004



57, 36.014, 241.277



18, 16.274, 235.390

Previews

White Background



This preview shows how the CIELCh color 86, 21.789, 41.665 looks on a white background.

Color Contrast Check

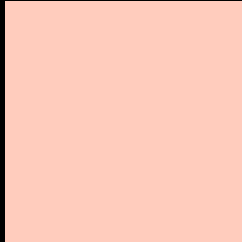
Large Text (above 18pt) WCAG AA × Fail

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, 21.789, 41.665 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

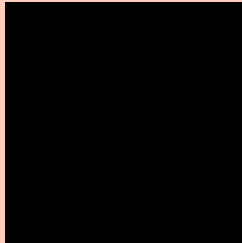
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 86, 21.789, 41.665

Background



This preview shows how black text looks on a background with the CIELCh color 86, 21.789, 41.665.



This preview shows how white text looks on a background with the CIELCh color 86, 21.789, 41.665.

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, 21.391, 42.025

Protanopia

86, 11.467, 92.031

Deuteranopia

86, 18.155, 53.210



Tritanopia
86, 21.238, 1.054

Trichromacy



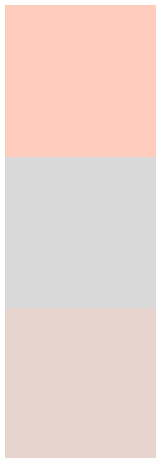
Original Color
86, 21.391, 42.025

Protanomaly
86, 13.534, 66.771

Deuteranomaly
86, 19.238, 49.477

Tritanomaly
86, 20.024, 16.492

Monochromacy



Original Color
86, 21.391, 42.025

Achromatopsia
87, 0.010, 296.813

Achromatomaly
86, 7.502, 40.136

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 21.789, 41.665 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, 204, 189)` looks like.

```
.text, #text, p{  
    color:rgb(255, 204, 189)  
}
```

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, 204, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 204, 189) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 21.789, 41.665 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, 204, 189) }
```

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

```
.border{ border-color:rgb(255, 204, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 204, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 204, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 204, 189);  
box-shadow:4px 4px 4px 4px rgb(255, 204,  
189) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 21.789, 41.665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 204, 189) }
```

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

```
.background{ background-color: rgb(255,  
204, 189) }
```

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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