

Converting Colors

CIELCh(100, 72.615, 30.549)

Have a look what the booklet for
CIELCh(100, 72.615, 30.549)
contains.

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Color

CIELCh(86, 22.189, 41.317)

Conversions

Conversions Part 1

Format	Color
Hex	FFCBBC
RGB	255, 203, 188
RGB Percent	100%, 80%, 74%
CMY	0.0000, 0.2029, 0.2618
CMYK	0.00, 0.20, 0.26, 0.00
HSL	14°, 100%, 87%
HSV	14°, 26%, 100%
XYZ	72.2501, 67.9871, 57.0250
YIQ	216.8380, 35.8070, 6.3590

Conversions

Conversions Part 2

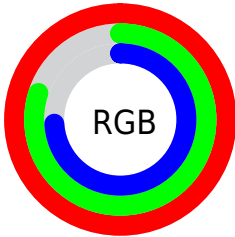
Format	Color
R _Y B	255, 207, 188
Decimal	16763836
CIE Lab	86.00, 16.67, 14.65
CIE LCh	86, 22.189, 41.317
Yxy	67.9871, 0.3663, 0.3447
Android (android.graphics.Color)	4294953916 (0xFFFFCBBC)
YUV	216.8380, -14.2171, 33.4681
Hunter-Lab	82.4543, 12.1147, 16.7133

Details

The CIELCh color **86, 22.189, 41.317** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **92, 18.190, 223.923**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 5.566, 109.748**, and **66, 21.568, 41.847** is the 20% darker color. If you saturate the color by 10%, you get **81, 31.258, 41.790**, and if you desaturate by 10%, it is **91, 12.859, 41.917**.

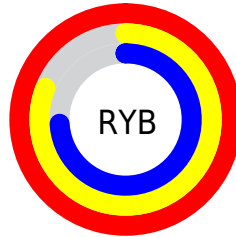
Distribution



Red (100%)

Green (80%)

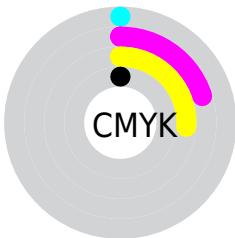
Blue (74%)



Red (100%)

Yellow (81%)

Blue (74%)

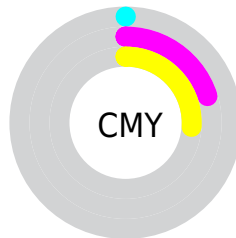


Cyan (0%)

Magenta (20%)

Yellow (26%)

Black (0%)



Cyan (0%)

Magenta (20%)

Yellow (26%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 22.189, 41.317 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, 22.189, 41.317 by changing the saturation by 10% instead.

 86, 22.189, 41.317

 86, 22.189, 41.317

 100, 22.189,
41.317

 76, 22.189, 41.317

 66, 22.189, 41.317

 56, 22.189, 41.317

 46, 22.189, 41.317

 36, 22.189, 41.317

 26, 22.189, 41.317

 16, 22.189, 41.317

 6, 22.189, 41.317

 0, 22.189, 41.317

86, 22.189, 41.317

86, 22.189, 41.317

81, 31.258, 41.790

91, 12.859, 41.917

76, 41.581, 41.961

97, 4.714, 42.087

71, 52.621, 42.332

100, 0.012,
296.813

67, 64.233, 42.907

63, 76.060, 43.610

60, 87.269, 44.179

57, 96.135, 43.993

56, 98.826, 43.809

Harmonies

Complementary

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



86, 22.189, 41.317



92, 18.190, 223.923

Rectangle

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



86, 22.189, 41.317



86, 22.189, 91.317



86, 22.189, 221.317



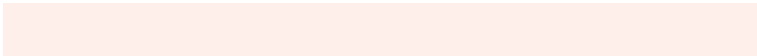
86, 22.189, 271.317

Sweetspot

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



86, 21.690, 41.789



96, 6.147, 42.066



84, 36.084, 332.833



50, 4.395, 42.041



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, 21.690, 41.789



83, 26.207, 41.770



94, 25.569, 91.628



50, 4.395, 42.041



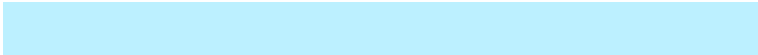
43, 79.123, 44.261



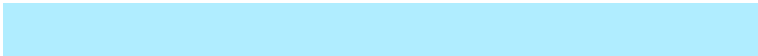
12, 29.612, 38.663

Inverse Universe

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



92, 18.190, 223.923



90, 21.174, 224.348



83, 25.807, 278.774



52, 4.147, 222.903



57, 35.990, 241.103



18, 16.268, 235.233

Previews

White Background



This preview shows how the CIELCh color 86, 22.189, 41.317 looks on a white background.

Color Contrast Check

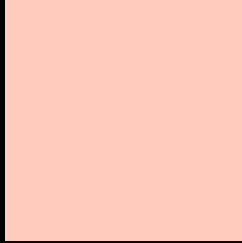
Large Text (above 18pt) WCAG AA × Fail

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, 22.189, 41.317 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

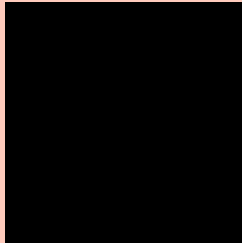
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 86, 22.189, 41.317

Background



This preview shows how black text looks on a background with the CIELCh color 86, 22.189, 41.317.



This preview shows how white text looks on a background with the CIELCh color 86, 22.189, 41.317.

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, 21.789, 41.665

Protanopia

86, 11.099, 89.425

Deuteranopia

86, 18.155, 53.210



Tritanopia
86, 21.238, 1.054

Trichromacy



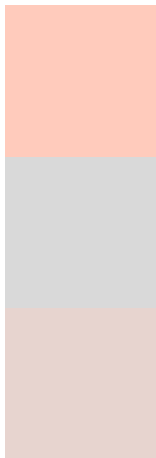
Original Color
86, 21.789, 41.665

Protanomaly
86, 13.430, 64.135

Deuteranomaly
86, 19.238, 49.477

Tritanomaly
86, 20.024, 16.492

Monochromacy



Original Color
86, 21.789, 41.665

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, 22.189, 41.317 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, 188)` looks like.

```
.text, #text, p{  
    color:rgb(255, 203, 188)  
}
```

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, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 203, 188) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 22.189, 41.317 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, 188) }
```

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

```
.border{ border-color:rgb(255, 203, 188) }
```

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, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 203, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 203, 188);  
box-shadow:4px 4px 4px 4px rgb(255, 203,  
188) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 22.189, 41.317 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, 188) }
```

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

```
.background{ background-color: rgb(255,  
203, 188) }
```

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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