

Converting Colors

CIELCh(87, 24.147, 39.255)

Have a look what the booklet for
CIELCh(87, 24.147, 39.255) contains.

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Color

CIELCh(86, 20.996, 42.400)

Conversions

Conversions Part 1

Format	Color
Hex	FECCBD
RGB	254, 204, 189
RGB Percent	100%, 80%, 74%
CMY	0.0038, 0.1996, 0.2584
CMYK	0.00, 0.20, 0.26, 0.00
HSL	14°, 97%, 87%
HSV	14°, 26%, 100%
XYZ	71.7001, 67.9871, 57.5487
YIQ	217.2400, 34.6150, 5.9350

Conversions

Conversions Part 2

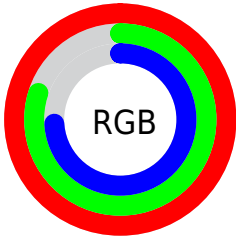
Format	Color
R _Y B	254, 209, 189
Decimal	16698557
CIE Lab	86.00, 15.50, 14.16
CIE LCh	86, 20.996, 42.400
Yxy	67.9871, 0.3635, 0.3447
Android (android.graphics.Color)	4294888637 (0xFFFECCBD)
YUV	217.2400, -13.9223, 32.2385
Hunter-Lab	82.4543, 10.9240, 16.3367

Details

The CIELCh color **86, 20.996, 42.400** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **92, 17.709, 224.643**, 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, 20.738, 42.627** is the 20% darker color. If you saturate the color by 10%, you get **81, 30.456, 42.364**, and if you desaturate by 10%, it is **91, 12.262, 42.575**.

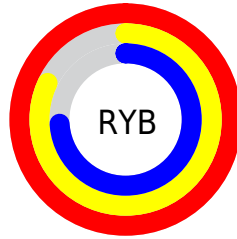
Distribution



Red (100%)

Green (80%)

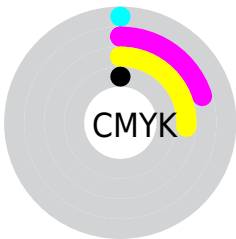
Blue (74%)



Red (100%)

Yellow (82%)

Blue (74%)

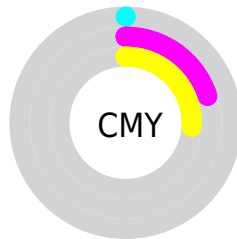


Cyan (0%)

Magenta (20%)

Yellow (26%)

Black (0%)



Cyan (0%)

Magenta (20%)

Yellow (26%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 20.996, 42.400 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, 20.996, 42.400 by changing the saturation by 10% instead.

 86, 20.996, 42.400

 86, 20.996, 42.400

 100, 20.996,
42.400

 76, 20.996, 42.400

 66, 20.996, 42.400

 56, 20.996, 42.400

 46, 20.996, 42.400

 36, 20.996, 42.400

 26, 20.996, 42.400

 16, 20.996, 42.400

 6, 20.996, 42.400

 0, 20.996, 42.400

86, 20.996, 42.400

86, 20.996, 42.400

81, 30.456, 42.364

91, 12.262, 42.575

76, 40.666, 42.482

97, 4.206, 42.766

71, 51.596, 42.794

100, 0.332,
201.378

67, 63.111, 43.302

63, 74.875, 43.938

60, 86.103, 44.457

57, 95.151, 44.270

56, 98.283, 44.008

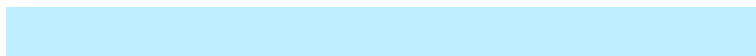
Harmonies

Complementary

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



86, 20.996, 42.400



92, 17.709, 224.643

Rectangle

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



86, 20.996, 42.400



86, 20.996, 92.400



86, 20.996, 222.400



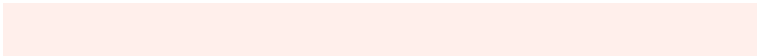
86, 20.996, 272.400

Sweetspot

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



86, 20.995, 42.408



96, 6.131, 42.735



84, 35.122, 332.789



50, 4.384, 42.705



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, 20.995, 42.408



83, 26.129, 42.366



94, 24.876, 91.709



50, 4.384, 42.705



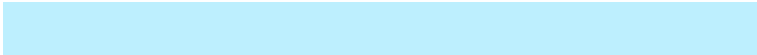
43, 78.913, 44.465



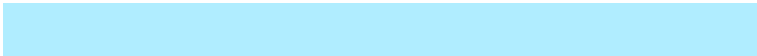
12, 29.527, 39.025

Inverse Universe

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



92, 17.709, 224.643



90, 21.139, 225.139



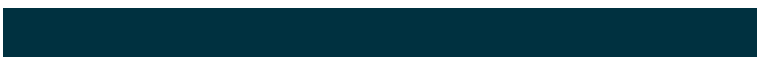
83, 25.100, 278.662



52, 4.137, 223.620



57, 36.170, 242.342



18, 16.310, 236.348

Previews

White Background



This preview shows how the CIELCh color 86, 20.996, 42.400 looks on a white background.

Color Contrast Check

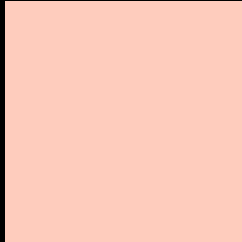
Large Text (above 18pt) WCAG AA × Fail

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, 20.996, 42.400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

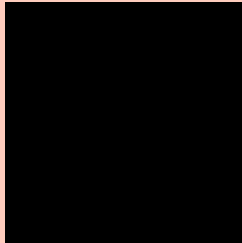
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 86, 20.996, 42.400

Background



This preview shows how black text looks on a background with the CIELCh color 86, 20.996, 42.400.



This preview shows how white text looks on a background with the CIELCh color 86, 20.996, 42.400.

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, 21.020, 42.399

Protanopia

86, 10.967, 91.297

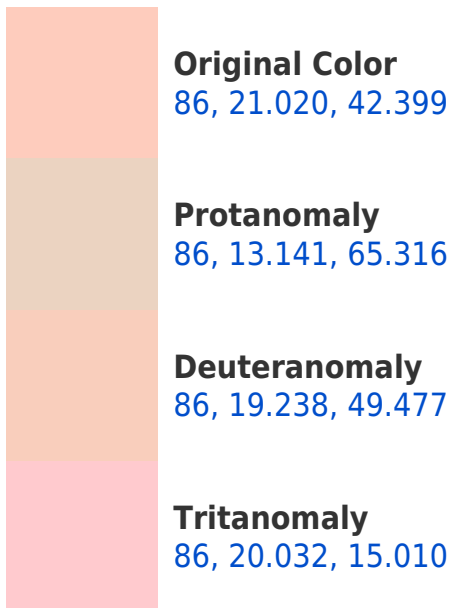
Deuteranopia

86, 18.155, 53.210

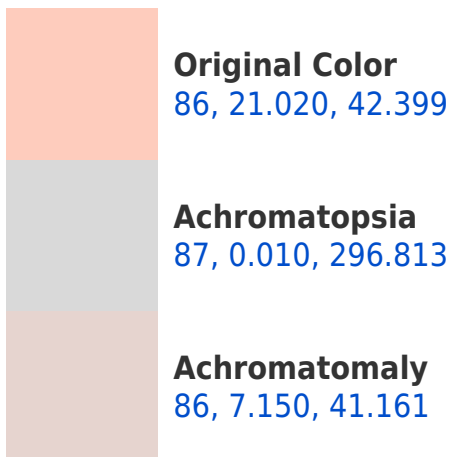


Tritanopia
86, 21.389, 359.723

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 20.996, 42.400 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, 204, 189)` looks like.

```
.text, #text, p{  
    color:rgb(254, 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(254, 204, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 204, 189) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 20.996, 42.400 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, 204, 189) }
```

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

```
.border{ border-color:rgb(254, 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(254, 204, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 204, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 204, 189);  
box-shadow:4px 4px 4px 4px rgb(254, 204,  
189) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 20.996, 42.400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 204, 189) }
```

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

```
.background{ background-color: rgb(254,  
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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