

Converting Colors

CIELCh(86, 21.614, 42.469)

Have a look what the booklet for
CIELCh(86, 21.614, 42.469) contains.

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Color

CIELCh(86, 21.630, 43.246)

Conversions

Conversions Part 1

Format	Color
Hex	FFCCBC
RGB	255, 204, 188
RGB Percent	100%, 80%, 74%
CMY	0.0005, 0.2005, 0.2632
CMYK	0.00, 0.20, 0.26, 0.00
HSL	14°, 100%, 87%
HSV	14°, 26%, 100%
XYZ	71.8189, 67.9871, 56.8451
YIQ	217.4250, 35.5320, 5.8360

Conversions

Conversions Part 2

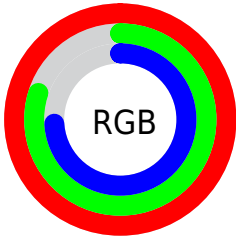
Format	Color
R _Y B	255, 209, 188
Decimal	16764092
CIE Lab	86.00, 15.76, 14.82
CIE LCh	86, 21.630, 43.246
Yxy	67.9871, 0.3652, 0.3457
Android (android.graphics.Color)	4294954172 (0xFFFFCCBC)
YUV	217.4250, -14.5065, 32.9533
Hunter-Lab	82.4543, 11.1810, 16.8427

Details

The CIELCh color **86, 21.630, 43.246** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **91, 18.174, 225.780**, 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, 21.397, 43.515** is the 20% darker color. If you saturate the color by 10%, you get **81, 31.127, 43.170**, and if you desaturate by 10%, it is **91, 12.857, 43.458**.

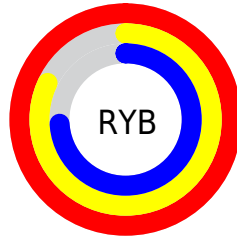
Distribution



Red (100%)

Green (80%)

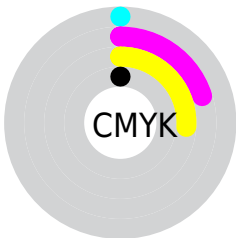
Blue (74%)



Red (100%)

Yellow (82%)

Blue (74%)

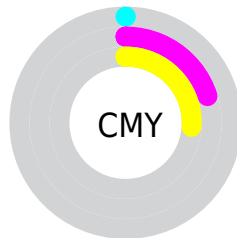


Cyan (0%)

Magenta (20%)

Yellow (26%)

Black (0%)



Cyan (0%)

Magenta (20%)

Yellow (26%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 21.630, 43.246 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, 21.630, 43.246 by changing the saturation by 10% instead.

 86, 21.630, 43.246

 86, 21.630, 43.246

 100, 21.630,
43.246

 76, 21.630, 43.246

 66, 21.630, 43.246

 56, 21.630, 43.246

 46, 21.630, 43.246

 36, 21.630, 43.246

 26, 21.630, 43.246

 16, 21.630, 43.246

 6, 21.630, 43.246

 0, 21.630, 43.246

86, 21.630, 43.246

86, 21.630, 43.246

81, 31.127, 43.170

91, 12.857, 43.458

76, 41.374, 43.246

97, 4.764, 43.699

71, 52.333, 43.507

100, 0.046,
214.110

67, 63.865, 43.951

63, 75.610, 44.502

60, 86.738, 44.894

57, 95.541, 44.521

57, 98.170, 44.282

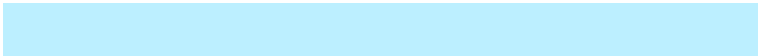
Harmonies

Complementary

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



86, 21.630, 43.246



91, 18.174, 225.780

Rectangle

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



86, 21.630, 43.246



86, 21.630, 93.246



86, 21.630, 223.246



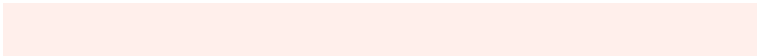
86, 21.630, 273.246

Sweetspot

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



86, 21.629, 43.254



96, 6.109, 43.667



84, 35.794, 333.476



50, 4.368, 43.632



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, 21.629, 43.254



83, 26.978, 43.189



94, 26.062, 92.831



50, 4.368, 43.632



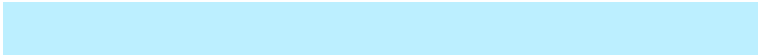
43, 78.618, 44.757



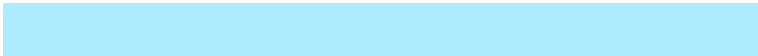
12, 29.410, 39.537

Inverse Universe

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



91, 18.174, 225.780



90, 21.699, 226.346



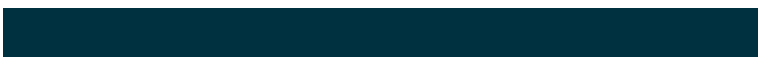
83, 26.428, 279.926



51, 4.125, 224.619



56, 36.444, 244.044



18, 16.378, 237.886

Previews

White Background



This preview shows how the CIELCh color 86, 21.630, 43.246 looks on a white background.

Color Contrast Check

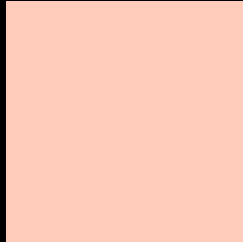
Large Text (above 18pt) WCAG AA × Fail

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, 21.630, 43.246 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

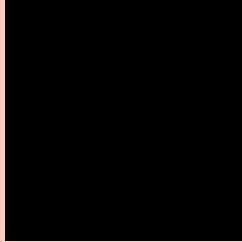
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 86, 21.630, 43.246

Background



This preview shows how black text looks on a background with the CIELCh color 86, 21.630, 43.246.



This preview shows how white text looks on a background with the CIELCh color 86, 21.630, 43.246.

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, 21.630, 43.246

Protanopia

86, 11.969, 92.700

Deuteranopia

86, 18.475, 54.482



Tritanopia
86, 21.238, 1.054

Trichromacy



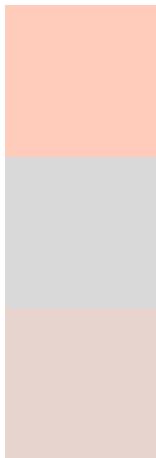
Original Color
86, 21.630, 43.246

Protanomaly
86, 13.936, 68.141

Deuteranomaly
86, 19.532, 50.734

Tritanomaly
86, 20.024, 16.492

Monochromacy



Original Color
86, 21.630, 43.246

Achromatopsia
87, 0.010, 296.813

Achromatomaly
86, 7.711, 43.729

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 21.630, 43.246 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, 188)` looks like.

```
.text, #text, p{  
    color:rgb(255, 204, 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, 204, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 204, 188) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 21.630, 43.246 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, 188) }
```

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

```
.border{ border-color:rgb(255, 204, 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, 204, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 204, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 204, 188);  
box-shadow:4px 4px 4px 4px rgb(255, 204,  
188) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 21.630, 43.246 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, 188) }
```

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

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