

Converting Colors

CIELCh(88, 31.917, 31.764)

Have a look what the booklet for
CIELCh(88, 31.917, 31.764) contains.

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Color

CIELCh(85, 21.768, 36.074)

Conversions

Conversions Part 1

Format	Color
Hex	FEC8BD
RGB	254, 200, 189
RGB Percent	100%, 78%, 74%
CMY	0.0044, 0.2159, 0.2590
CMYK	0.00, 0.21, 0.26, 0.00
HSL	10°, 97%, 87%
HSV	10°, 26%, 100%
XYZ	70.6557, 66.0070, 57.1396
YIQ	214.8920, 35.7150, 8.0270

Conversions

Conversions Part 2

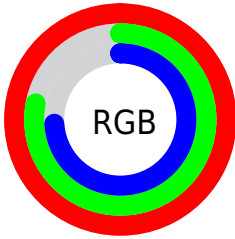
Format	Color
R _Y B	254, 202, 189
Decimal	16697533
CIE Lab	85.00, 17.59, 12.82
CIE LCh	85, 21.768, 36.074
Yxy	66.0070, 0.3646, 0.3406
Android (android.graphics.Color)	4294887613 (0xFFFE C8BD)
YUV	214.8920, -12.7648, 34.2977
Hunter-Lab	81.2447, 13.0571, 15.1725

Details

The CIELCh color **85, 21.768, 36.074** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **93, 18.209, 216.662**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 5.059, 109.785**, and **65, 21.571, 35.960** is the 20% darker color. If you saturate the color by 10%, you get **80, 31.586, 36.417**, and if you desaturate by 10%, it is **91, 12.705, 35.909**.

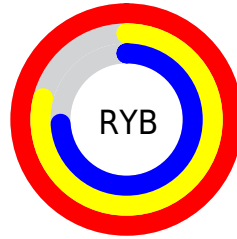
Distribution



Red (100%)

Green (78%)

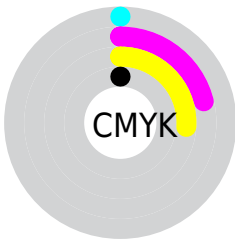
Blue (74%)



Red (100%)

Yellow (79%)

Blue (74%)

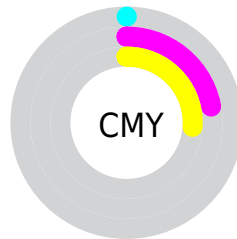


Cyan (0%)

Magenta (21%)

Yellow (26%)

Black (0%)



Cyan (0%)

Magenta (22%)

Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 21.768, 36.074 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 85, 21.768, 36.074 by changing the saturation by 10% instead.

 85, 21.768, 36.074

 85, 21.768, 36.074

 100, 21.768,
36.074

 75, 21.768, 36.074

 65, 21.768, 36.074

 55, 21.768, 36.074

 45, 21.768, 36.074

 35, 21.768, 36.074

 25, 21.768, 36.074

 15, 21.768, 36.074

 5, 21.768, 36.074

 0, 21.768, 36.074

85, 21.768, 36.074

85, 21.768, 36.074

80, 31.586, 36.417

91, 12.705, 35.909

74, 42.169, 36.969

96, 4.360, 35.794

69, 53.459, 37.785

100, 0.386,
201.098

65, 65.293, 38.886

61, 77.307, 40.218

58, 88.692, 41.526

56, 97.703, 42.145

55, 100.699,
42.227

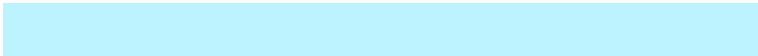
Harmonies

Complementary

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



85, 21.768, 36.074



93, 18.209, 216.662

Rectangle

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



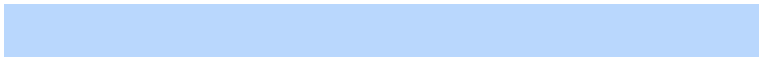
85, 21.768, 36.074



85, 21.768, 86.074



85, 21.768, 216.074



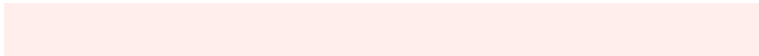
85, 21.768, 266.074

Sweetspot

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



85, 21.766, 36.082



95, 6.346, 35.834



84, 36.361, 330.980



50, 4.538, 35.850



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



85, 21.766, 36.082



82, 27.097, 36.240



93, 23.773, 87.819



50, 4.538, 35.850



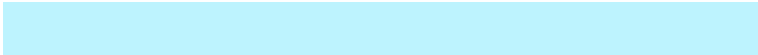
41, 80.965, 42.579



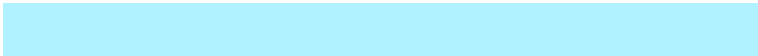
11, 30.430, 35.502

Inverse Universe

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



93, 18.209, 216.662



92, 21.702, 216.936



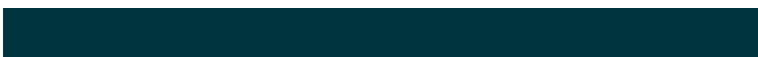
84, 23.635, 274.985



52, 4.269, 216.203



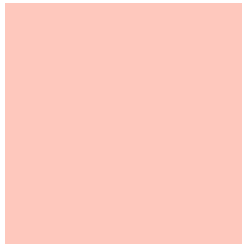
60, 35.078, 228.939



20, 16.153, 224.508

Previews

White Background



This preview shows how the CIELCh color 85, 21.768, 36.074 looks on a white background.

Color Contrast Check

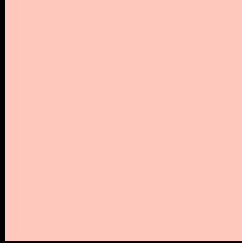
Large Text (above 18pt) WCAG AA × Fail

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 85, 21.768, 36.074 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 85, 21.768, 36.074

Background



This preview shows how black text looks on a background with the CIELCh color 85, 21.768, 36.074.



This preview shows how white text looks on a background with the CIELCh color 85, 21.768, 36.074.

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

85, 21.793, 36.077

Protanopia

85, 9.381, 90.743

Deuteranopia

85, 16.905, 51.834



Tritanopia
85, 22.877, 1.299

Trichromacy



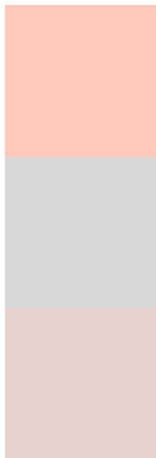
Original Color
85, 21.793, 36.077

Protanomaly
85, 12.060, 60.358

Deuteranomaly
85, 18.482, 45.457

Tritanomaly
85, 21.693, 12.865

Monochromacy



Original Color
85, 21.793, 36.077

Achromatopsia
86, 0.010, 296.813

Achromatomaly
86, 7.340, 36.352

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 21.768, 36.074 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, 200, 189)` looks like.

```
.text, #text, p{  
    color:rgb(254, 200, 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, 200, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 200, 189) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 21.768, 36.074 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, 200, 189) }
```

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

```
.border{ border-color:rgb(254, 200, 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, 200, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 200, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 200, 189);  
box-shadow:4px 4px 4px 4px rgb(254, 200,  
189) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 21.768, 36.074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 200, 189) }
```

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

```
.background{ background-color: rgb(254,  
200, 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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