

Converting Colors

CIELCh(86, 32.457, 70.616)

Have a look what the booklet for
CIELCh(86, 32.457, 70.616) contains.

CIELCh(86, 32.354, 70.098)	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, 32.354, 70.098)

Conversions

Conversions Part 1

Format	Color
Hex	FFCE9E
RGB	255, 206, 158
RGB Percent	100%, 81%, 62%
CMY	0.0000, 0.1915, 0.3798
CMYK	0.00, 0.19, 0.38, 0.00
HSL	30°, 100%, 81%
HSV	30°, 38%, 100%
XYZ	69.5987, 67.9871, 41.8721
YIQ	215.1790, 44.6120, -4.5400

Conversions

Conversions Part 2

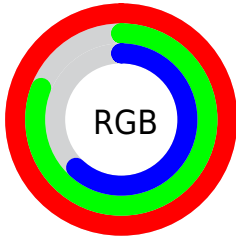
Format	Color
R_{YB}	255, 253, 158
Decimal	16764574
CIE _{Lab}	86.00, 11.01, 30.42
CIE _{LCh}	86, 32.354, 70.098
Yxy	67.9871, 0.3878, 0.3788
Android (android.graphics.Color)	4294954654 (0xFFFFCE9E)
YUV	215.1790, -28.1892, 34.9230
Hunter-Lab	82.4543, 6.3747, 27.6092

Details

The CIELCh color **86, 32.354, 70.098** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **81, 28.883, 261.461**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 21.222, 108.570**, and **66, 32.545, 70.220** is the 20% darker color. If you saturate the color by 10%, you get **82, 41.788, 68.925**, and if you desaturate by 10%, it is **90, 23.228, 71.464**.

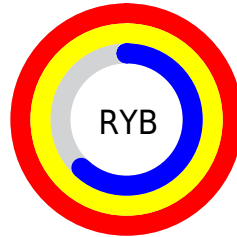
Distribution



Red (100%)

Green (81%)

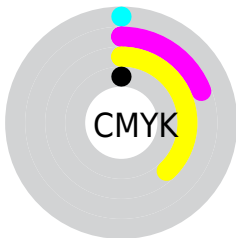
Blue (62%)



Red (100%)

Yellow (99%)

Blue (62%)

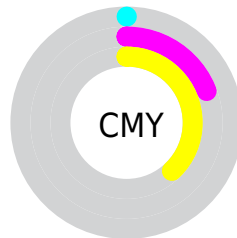


Cyan (0%)

Magenta (19%)

Yellow (38%)

Black (0%)



Cyan (0%)

Magenta (19%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 32.354, 70.098 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, 32.354, 70.098 by changing the saturation by 10% instead.

 86, 32.354, 70.098

 86, 32.354, 70.098

 100, 32.354,
70.098

 76, 32.354, 70.098

 66, 32.354, 70.098

 56, 32.354, 70.098

 46, 32.354, 70.098

 36, 32.354, 70.098

 26, 32.354, 70.098

 16, 32.354, 70.098

 6, 32.354, 70.098

 0, 32.354, 70.098

86, 32.354, 70.098

86, 32.354, 70.098

82, 41.788, 68.925

90, 23.228, 71.464

79, 51.579, 67.626

93, 14.566, 72.712

76, 61.455, 66.257

97, 6.309, 73.915

73, 70.930, 64.707

100, 0.012,
296.813

70, 79.089, 62.739

67, 84.761, 60.008

67, 85.758, 59.436

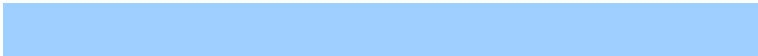
Harmonies

Complementary

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



86, 32.354, 70.098



81, 28.883, 261.461

Rectangle

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



86, 32.354, 70.098



86, 32.354, 120.098



86, 32.354, 250.098



86, 32.354, 300.098

Sweetspot

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



86, 32.308, 70.200



96, 8.763, 73.561



76, 43.789, 346.461



51, 5.908, 73.398



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, 32.308, 70.200



83, 39.884, 69.178



98, 47.521, 105.758



51, 4.513, 73.738



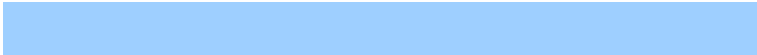
51, 68.813, 60.146



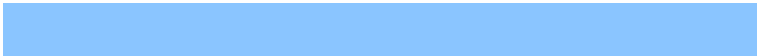
16, 27.014, 61.405

Inverse Universe

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



81, 28.883, 261.461



78, 34.732, 263.478



69, 52.268, 294.647



51, 4.410, 256.264



42, 57.816, 283.769



12, 23.552, 277.180

Previews

White Background



This preview shows how the CIE LCh color 86, 32.354, 70.098 looks on a white background.

Color Contrast Check

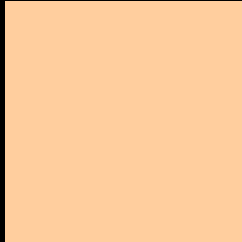
Large Text (above 18pt) WCAG AA × Fail

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, 32.354, 70.098 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, 32.354, 70.098

Background



This preview shows how black text looks on a background with the CIELCh color 86, 32.354, 70.098.



This preview shows how white text looks on a background with the CIELCh color 86, 32.354, 70.098.

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, 32.354, 70.098
Protanopia
86, 28.207, 95.605
Deuteranopia
86, 32.354, 70.098



Tritanopia
86, 21.098, 2.404

Trichromacy



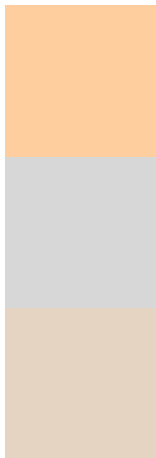
Original Color
86, 32.354, 70.098

Protanomaly
86, 28.783, 85.815

Deuteranomaly
86, 32.354, 70.098

Tritanomaly
86, 20.604, 33.906

Monochromacy



Original Color
86, 32.354, 70.098

Achromatopsia
86, 0.010, 296.813

Achromatomaly
86, 11.625, 73.461

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 32.354, 70.098 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, 206, 158)` looks like.

```
.text, #text, p{  
    color:rgb(255, 206, 158)  
}
```

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, 206, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 206, 158) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 32.354, 70.098 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, 206, 158) }
```

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

```
.border{ border-color:rgb(255, 206, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 206, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 206, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 206, 158); box-shadow:4px 4px 4px 4px rgb(255, 206, 158) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 32.354, 70.098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 206, 158) }
```

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

```
.background{ background-color: rgb(255,  
206, 158) }
```

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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