

Converting Colors

CIELCh(90, 43.081, 57.071)

Have a look what the booklet for
CIELCh(90, 43.081, 57.071) contains.

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Color

CIELCh(86, 32.194, 71.738)

Conversions

Conversions Part 1

Format	Color
Hex	FECF9E
RGB	254, 207, 158
RGB Percent	100%, 81%, 62%
CMY	0.0051, 0.1891, 0.3811
CMYK	0.00, 0.18, 0.38, 0.01
HSL	31°, 97%, 81%
HSV	31°, 38%, 99%
XYZ	69.1709, 67.9871, 41.7420
YIQ	215.4670, 43.7410, -5.2750

Conversions

Conversions Part 2

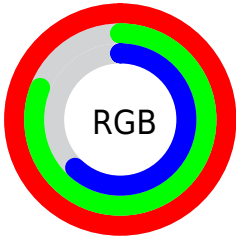
Format	Color
R _Y B	250, 254, 158
Decimal	16699294
CIE Lab	86.00, 10.09, 30.57
CIE LCh	86, 32.194, 71.738
Yxy	67.9871, 0.3866, 0.3800
Android (android.graphics.Color)	4294889374 (0xFFFE9E9E)
YUV	215.4670, -28.3312, 33.7934
Hunter-Lab	82.4543, 5.4486, 27.7028

Details

The CIELCh color $86, 32.194, 71.738$ is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be $81, 29.098, 263.064$, 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 $66, 32.395, 71.920$ is the 20% darker color. If you saturate the color by 10%, you get $83, 41.621, 70.433$, and if you desaturate by 10%, it is $89, 23.137, 73.037$.

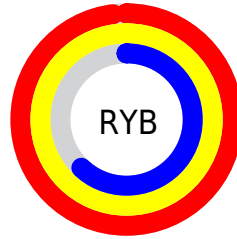
Distribution



Red (100%)

Green (81%)

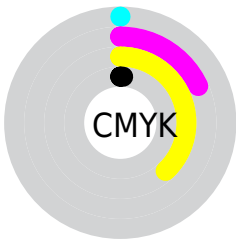
Blue (62%)



Red (98%)

Yellow (100%)

Blue (62%)

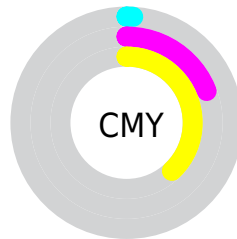


Cyan (0%)

Magenta (18%)

Yellow (38%)

Black (1%)



Cyan (1%)

Magenta (19%)


Yellow (38%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 32.194, 71.738 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, 32.194, 71.738 by changing the saturation by 10% instead.

 86, 32.194, 71.738

 86, 32.194, 71.738

 100, 32.194,
71.738

 76, 32.194, 71.738

 66, 32.194, 71.738

 56, 32.194, 71.738

 46, 32.194, 71.738

 36, 32.194, 71.738

 26, 32.194, 71.738

 16, 32.194, 71.738

 6, 32.194, 71.738

 0, 32.194, 71.738

86, 32.194, 71.738

86, 32.194, 71.738

83, 41.621, 70.433

89, 23.137, 73.037

79, 51.325, 69.092

93, 14.474, 74.309

76, 61.077, 67.676

97, 6.194, 75.532

73, 70.387, 66.078

100, 0.456,
200.829

70, 78.357, 64.069

68, 83.835, 61.317

67, 84.872, 60.682

Harmonies

Complementary

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



86, 32.194, 71.738



81, 29.098, 263.064

Rectangle

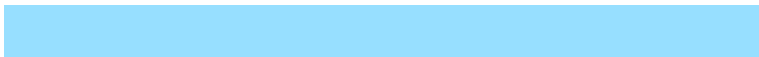
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



86, 32.194, 71.738



86, 32.194, 121.738



86, 32.194, 251.738



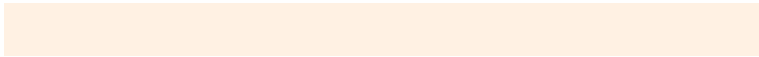
86, 32.194, 301.738

Sweetspot

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



86, 32.194, 71.744



96, 8.848, 75.150



76, 42.981, 347.404



51, 5.964, 74.984



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, 32.194, 71.744



84, 39.121, 70.799



98, 47.814, 106.507



51, 4.557, 75.330



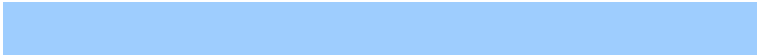
52, 68.398, 61.378



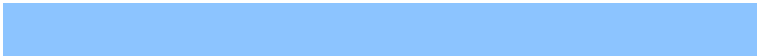
16, 27.009, 62.894

Inverse Universe

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



81, 29.098, 263.064



78, 34.619, 264.862



69, 52.719, 295.227



51, 4.464, 257.881



41, 59.564, 285.216



12, 24.194, 278.746

Previews

White Background



This preview shows how the CIELCh color 86, 32.194, 71.738 looks on a white background.

Color Contrast Check

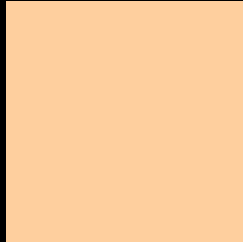
Large Text (above 18pt) WCAG AA × Fail

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, 32.194, 71.738 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

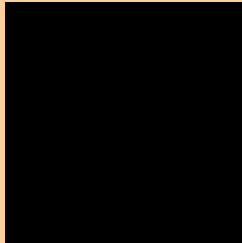
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 86, 32.194, 71.738

Background



This preview shows how black text looks on a background with the CIELCh color 86, 32.194, 71.738.

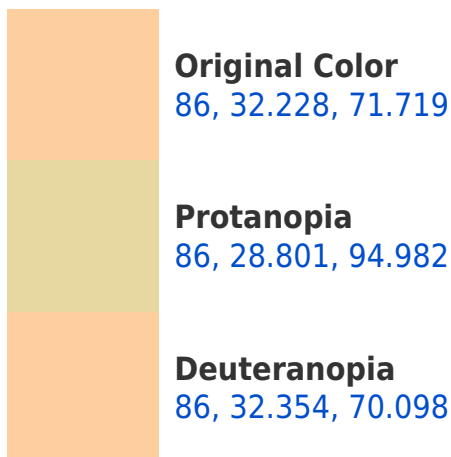


This preview shows how white text looks on a background with the CIELCh color 86, 32.194, 71.738.

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





Tritanopia
86, 21.238, 1.054

Trichromacy



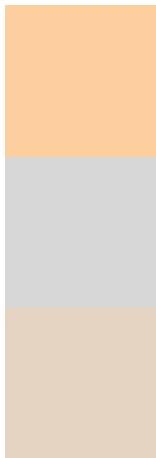
Original Color
86, 32.228, 71.719

Protanomaly
86, 29.268, 86.123

Deuteranomaly
86, 32.354, 70.098

Tritanomaly
86, 20.604, 33.906

Monochromacy



Original Color
86, 32.228, 71.719

Achromatopsia
86, 0.010, 296.813

Achromatomaly
86, 11.403, 75.015

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 32.194, 71.738 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, 207, 158)` looks like.

```
.text, #text, p{  
    color:rgb(254, 207, 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(254, 207, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 207, 158) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 32.194, 71.738 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, 207, 158) }
```

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

```
.border{ border-color:rgb(254, 207, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 207, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(254, 207, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(254, 207, 158); box-shadow:4px 4px 4px 4px rgb(254, 207, 158) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 32.194, 71.738 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 207, 158) }
```

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

```
.background{ background-color: rgb(254,  
207, 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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