

Converting Colors

CIELCh(90, 43.554, 53.709)

Have a look what the booklet for
CIELCh(90, 43.554, 53.709) contains.

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Color

CIELCh(86, 31.198, 69.681)

Conversions

Conversions Part 1

Format	Color
Hex	FECEA0
RGB	254, 206, 160
RGB Percent	100%, 81%, 63%
CMY	0.0027, 0.1908, 0.3711
CMYK	0.00, 0.19, 0.37, 0.00
HSL	29°, 99%, 81%
HSV	29°, 37%, 100%
XYZ	69.5152, 67.9871, 42.8864
YIQ	215.1080, 43.3740, -4.1300

Conversions

Conversions Part 2

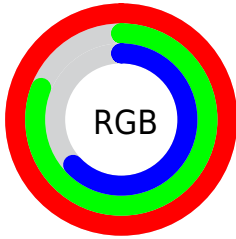
Format	Color
RYB	254, 250, 160
Decimal	16699040
CIELab	86.00, 10.83, 29.26
CIELCh	86, 31.198, 69.681
Yxy	67.9871, 0.3854, 0.3769
Android (android.graphics.Color)	4294889120 (0xFFFECEA0)
YUV	215.1080, -27.1682, 34.1083
Hunter-Lab	82.4543, 6.1940, 26.8799

Details

The CIELCh color **86, 31.198, 69.681** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **82, 27.867, 260.511**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 20.216, 108.647**, and **66, 31.353, 69.835** is the 20% darker color. If you saturate the color by 10%, you get **82, 40.621, 68.430**, and if you desaturate by 10%, it is **90, 22.190, 70.935**.

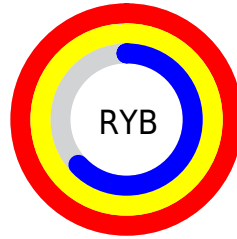
Distribution



Red (100%)

Green (81%)

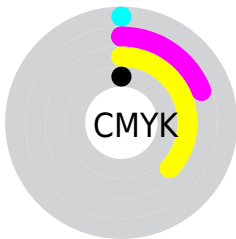
Blue (63%)



Red (100%)

Yellow (98%)

Blue (63%)

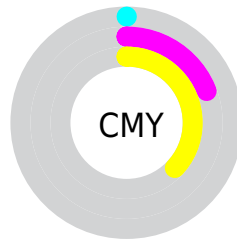


Cyan (0%)

Magenta (19%)

Yellow (37%)

Black (0%)



Cyan (0%)


Magenta (19%)

Yellow (37%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 31.198, 69.681 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, 31.198, 69.681 by changing the saturation by 10% instead.

 86, 31.198, 69.681

 86, 31.198, 69.681


 100, 31.198,
69.681


 76, 31.198, 69.681

 66, 31.198, 69.681

 56, 31.198, 69.681

 46, 31.198, 69.681

 36, 31.198, 69.681

 26, 31.198, 69.681

 16, 31.198, 69.681

 6, 31.198, 69.681

 0, 31.198, 69.681

86, 31.198, 69.681

86, 31.198, 69.681

82, 40.621, 68.430

90, 22.190, 70.935

79, 50.382, 67.155

93, 13.609, 72.169

76, 60.280, 65.820

97, 5.437, 73.351

73, 69.868, 64.323

100, 0.242,
202.126

70, 78.286, 62.440

67, 84.298, 59.805

66, 85.820, 58.932

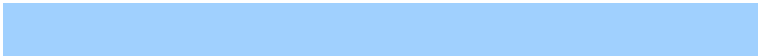
Harmonies

Complementary

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



86, 31.198, 69.681



82, 27.867, 260.511

Rectangle

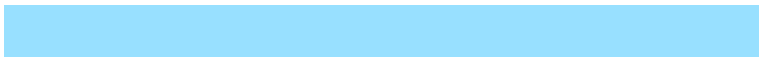
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



86, 31.198, 69.681



86, 31.198, 119.681



86, 31.198, 249.681



86, 31.198, 299.681

Sweetspot

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



86, 31.198, 69.687



96, 8.730, 72.883



77, 42.509, 346.334



51, 5.885, 72.722



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, 31.198, 69.687



84, 37.898, 68.800



98, 46.163, 105.859



51, 4.495, 73.059



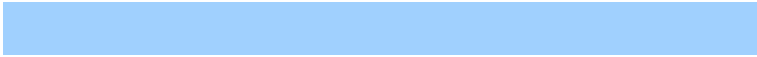
51, 68.998, 59.637



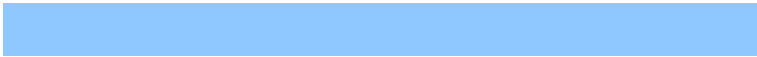
16, 27.021, 60.781

Inverse Universe

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



82, 27.867, 260.511



79, 33.043, 262.238



70, 50.607, 294.459



51, 4.388, 255.572



42, 57.090, 283.138



12, 23.287, 276.501

Previews

White Background



This preview shows how the CIELCh color 86, 31.198, 69.681 looks on a white background.

Color Contrast Check

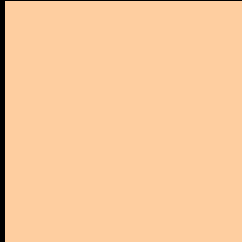
Large Text (above 18pt) WCAG AA × Fail

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, 31.198, 69.681 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

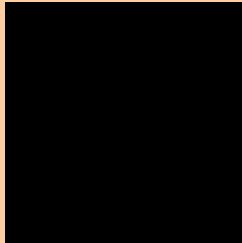
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 86, 31.198, 69.681

Background



This preview shows how black text looks on a background with the CIELCh color 86, 31.198, 69.681.

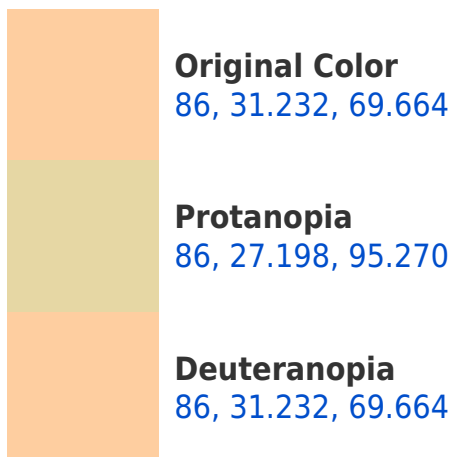


This preview shows how white text looks on a background with the CIELCh color 86, 31.198, 69.681.

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



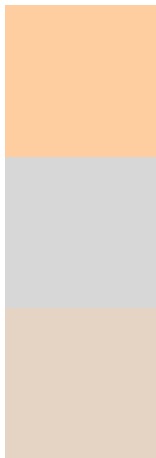
Original Color
86, 31.232, 69.664

Protanomaly
86, 27.815, 85.161

Deuteranomaly
86, 31.232, 69.664

Tritanomaly
86, 20.448, 32.529

Monochromacy



Original Color
86, 31.232, 69.664

Achromatopsia
86, 0.010, 296.813

Achromatomaly
86, 10.967, 73.560

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 31.198, 69.681 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, 206, 160)` looks like.

```
.text, #text, p{  
    color:rgb(254, 206, 160)  
}
```

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, 206, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 206, 160) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 31.198, 69.681 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, 206, 160) }
```

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

```
.border{ border-color:rgb(254, 206, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 206, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 206, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 206, 160);  
box-shadow:4px 4px 4px 4px rgb(254, 206,  
160) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 31.198, 69.681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 206, 160) }
```

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

```
.background{ background-color: rgb(254,  
206, 160) }
```

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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