

Converting Colors

CIELCh(86, 28.765, 65.289)

Have a look what the booklet for
CIELCh(86, 28.765, 65.289) contains.

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Color

CIELCh(86, 29.014, 65.717)

Conversions

Conversions Part 1

Format	Color
Hex	FFCEA6
RGB	255, 206, 166
RGB Percent	100%, 81%, 65%
CMY	0.0010, 0.1931, 0.3499
CMYK	0.00, 0.19, 0.35, 0.00
HSL	27°, 99%, 82%
HSV	27°, 35%, 100%
XYZ	70.0249, 67.9871, 45.3997
YIQ	216.0910, 42.0440, -2.0520

Conversions

Conversions Part 2

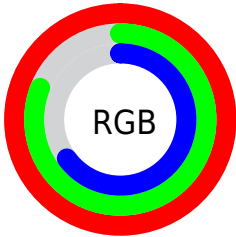
Format	Color
R _Y B	255, 239, 166
Decimal	16764582
CIE Lab	86.00, 11.93, 26.45
CIE LCh	86, 29.014, 65.717
Yxy	67.9871, 0.3818, 0.3707
Android (android.graphics.Color)	4294954662 (0xFFFFCEA6)
YUV	216.0910, -24.6949, 34.1232
Hunter-Lab	82.4543, 7.2975, 25.0726

Details

The CIELCh color **86, 29.014, 65.717** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **84, 25.430, 255.345**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 17.195, 108.877**, and **66, 28.996, 65.846** is the 20% darker color. If you saturate the color by 10%, you get **82, 38.397, 64.593**, and if you desaturate by 10%, it is **90, 20.122, 66.865**.

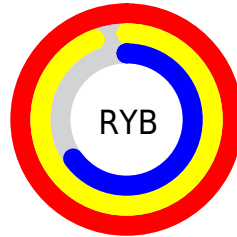
Distribution



Red (100%)

Green (81%)

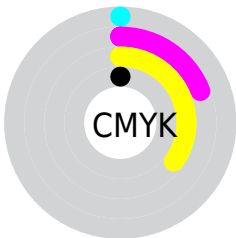
Blue (65%)



Red (100%)

Yellow (94%)

Blue (65%)

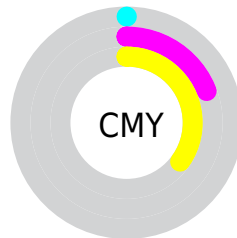


Cyan (0%)

Magenta (19%)

Yellow (35%)

Black (0%)



Cyan (0%)

Magenta (19%)

Yellow (35%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 29.014, 65.717 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, 29.014, 65.717 by changing the saturation by 10% instead.

 86, 29.014, 65.717

 86, 29.014, 65.717

 100, 29.014,
65.717

 76, 29.014, 65.717

 66, 29.014, 65.717

 56, 29.014, 65.717

 46, 29.014, 65.717

 36, 29.014, 65.717

 26, 29.014, 65.717

 16, 29.014, 65.717

 6, 29.014, 65.717

 0, 29.014, 65.717

86, 29.014, 65.717

86, 29.014, 65.717

82, 38.397, 64.593

90, 20.122, 66.865

79, 48.228, 63.469

94, 11.713, 68.003

75, 58.356, 62.321

98, 3.757, 69.069

72, 68.421, 61.062

100, 0.087,
207.073

69, 77.671, 59.488

66, 84.846, 57.215

64, 87.634, 55.825

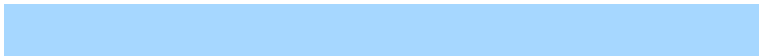
Harmonies

Complementary

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



86, 29.014, 65.717



84, 25.430, 255.345

Rectangle

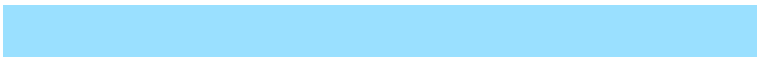
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



86, 29.014, 65.717



86, 29.014, 115.717



86, 29.014, 245.717



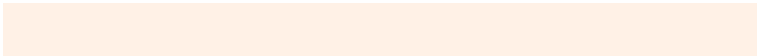
86, 29.014, 295.717

Sweetspot

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



86, 29.014, 65.724



96, 7.746, 68.551



78, 41.515, 343.345



51, 5.306, 68.397



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, 29.014, 65.724



83, 35.630, 64.922



97, 41.814, 103.731



51, 4.398, 68.605



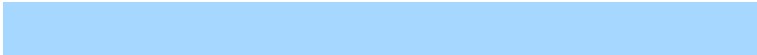
49, 70.299, 56.529



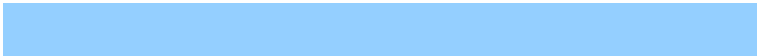
15, 27.143, 56.860

Inverse Universe

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



84, 25.430, 255.345



81, 30.288, 256.982



73, 45.132, 292.114



51, 4.267, 251.009



44, 52.619, 278.777



13, 21.676, 271.851

Previews

White Background



This preview shows how the CIELCh color 86, 29.014, 65.717 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, 29.014, 65.717 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, 29.014, 65.717

Background



This preview shows how black text looks on a background with the CIELCh color 86, 29.014, 65.717.

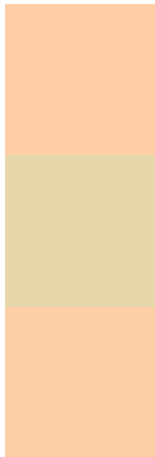


This preview shows how white text looks on a background with the CIELCh color 86, 29.014, 65.717.

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, 29.014, 65.717

Protanopia

86, 24.078, 94.964

Deuteranopia

86, 28.548, 68.097



Tritanopia
86, 21.238, 1.054

Trichromacy



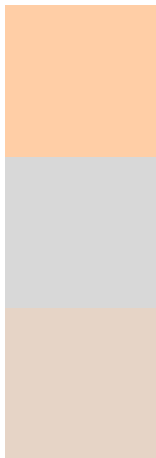
Original Color
86, 29.014, 65.717

Protanomaly
86, 25.239, 84.097

Deuteranomaly
86, 28.825, 67.499

Tritanomaly
86, 20.174, 29.713

Monochromacy



Original Color
86, 29.014, 65.717

Achromatopsia
86, 0.010, 296.813

Achromatomaly
86, 9.969, 66.762

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 29.014, 65.717 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, 166)` looks like.

```
.text, #text, p{  
    color:rgb(255, 206, 166)  
}
```

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, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 206, 166) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 29.014, 65.717 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, 166) }
```

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

```
.border{ border-color:rgb(255, 206, 166) }
```

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, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 206, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 206, 166);  
box-shadow:4px 4px 4px 4px rgb(255, 206,  
166) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 29.014, 65.717 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, 166) }
```

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

```
.background{ background-color: rgb(255,  
206, 166) }
```

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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