

Converting Colors

CIELCh(97, 67.937, 40.630)

Have a look what the booklet for
CIELCh(97, 67.937, 40.630) contains.

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Color

CIELCh(86, 29.665, 64.572)

Conversions

Conversions Part 1

Format	Color
Hex	FFCDA5
RGB	255, 205, 165
RGB Percent	100%, 80%, 65%
CMY	0.0000, 0.1953, 0.3523
CMYK	0.00, 0.20, 0.35, 0.00
HSL	27°, 100%, 82%
HSV	27°, 35%, 100%
XYZ	70.4004, 67.9871, 45.0867
YIQ	215.3900, 42.6400, -1.8400

Conversions

Conversions Part 2

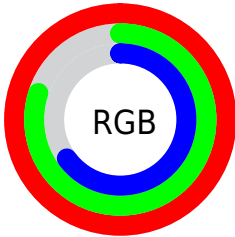
Format	Color
R _Y B	255, 237, 165
Decimal	16764325
CIE Lab	86.00, 12.74, 26.79
CIE LCh	86, 29.665, 64.572
Yxy	67.9871, 0.3837, 0.3706
Android (android.graphics.Color)	4294954405 (0xFFFFCDA5)
YUV	215.3900, -24.8423, 34.7380
Hunter-Lab	82.4543, 8.1102, 25.2977

Details

The CIELCh color $86, 29.665, 64.572$ is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be $84, 25.574, 254.952$, and the grayscale version is $86, 0.010, 296.813$.

A 20% lighter version of the original color is $99, 17.699, 108.839$, and $66, 29.352, 65.220$ is the 20% darker color. If you saturate the color by 10%, you get $82, 38.699, 64.171$, and if you desaturate by 10%, it is $90, 20.375, 66.417$.

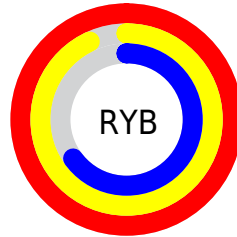
Distribution



Red (100%)

Green (80%)

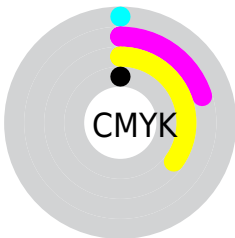
Blue (65%)



Red (100%)

Yellow (93%)

Blue (65%)

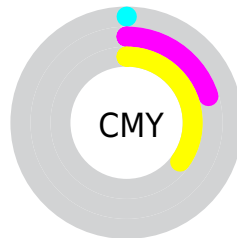


Cyan (0%)

Magenta (20%)

Yellow (35%)

Black (0%)



Cyan (0%)

Magenta (20%)

Yellow (35%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 29.665, 64.572 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, 29.665, 64.572 by changing the saturation by 10% instead.

 86, 29.665, 64.572

 86, 29.665, 64.572

 100, 29.665,
64.572

 76, 29.665, 64.572

 66, 29.665, 64.572

 56, 29.665, 64.572

 46, 29.665, 64.572

 36, 29.665, 64.572

 26, 29.665, 64.572

 16, 29.665, 64.572

 6, 29.665, 64.572

 0, 29.665, 64.572

86, 29.665, 64.572

86, 29.665, 64.572

82, 38.699, 64.171

90, 20.375, 66.417

78, 48.562, 63.063

94, 11.953, 67.546

75, 58.725, 61.933

98, 3.989, 68.610

72, 68.820, 60.689

100, 0.012,
296.813

68, 78.082, 59.122

66, 85.229, 56.841

64, 87.872, 55.545

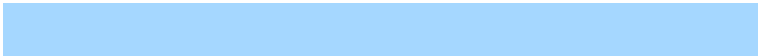
Harmonies

Complementary

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



86, 29.665, 64.572



84, 25.574, 254.952

Rectangle

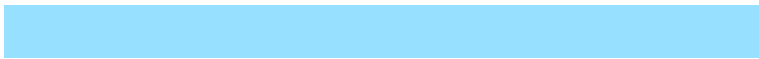
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



86, 29.665, 64.572



86, 29.665, 114.572



86, 29.665, 244.572



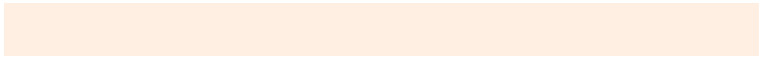
86, 29.665, 294.572

Sweetspot

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



86, 29.288, 65.288



95, 8.530, 68.015



78, 41.905, 343.378



50, 5.754, 67.866



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, 29.288, 65.288



83, 35.606, 64.531



97, 42.203, 103.699



51, 4.390, 68.177



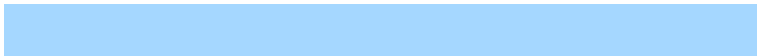
49, 70.431, 56.250



15, 27.161, 56.498

Inverse Universe

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



84, 25.574, 254.952



81, 30.176, 256.518



73, 45.590, 292.168



51, 4.257, 250.568



44, 52.216, 278.336



13, 21.533, 271.386

Previews

White Background



This preview shows how the CIELCh color 86, 29.665, 64.572 looks on a white background.

Color Contrast Check

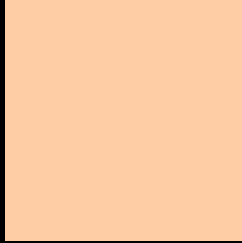
Large Text (above 18pt) WCAG AA × Fail

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, 29.665, 64.572 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

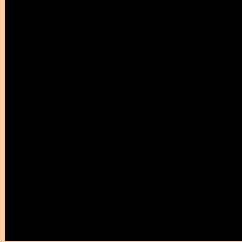
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 86, 29.665, 64.572

Background



This preview shows how black text looks on a background with the CIELCh color 86, 29.665, 64.572.



This preview shows how white text looks on a background with the CIELCh color 86, 29.665, 64.572.

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, 29.337, 65.138

Protanopia

86, 24.583, 95.176

Deuteranopia

86, 28.580, 68.081



Tritanopia
86, 21.098, 2.404

Trichromacy



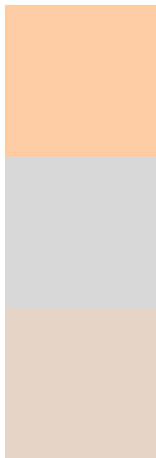
Original Color
86, 29.337, 65.138

Protanomaly
86, 24.959, 82.835

Deuteranomaly
86, 28.857, 67.483

Tritanomaly
86, 20.304, 31.131

Monochromacy



Original Color
86, 29.337, 65.138

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, 29.665, 64.572 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, 205, 165)` looks like.

```
.text, #text, p{  
    color:rgb(255, 205, 165)  
}
```

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, 205, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 205, 165) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 29.665, 64.572 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, 205, 165) }
```

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

```
.border{ border-color:rgb(255, 205, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 205, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 205, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 205, 165);  
box-shadow:4px 4px 4px 4px rgb(255, 205,  
165) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 29.665, 64.572 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 205, 165) }
```

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

```
.background{ background-color: rgb(255,  
205, 165) }
```

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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