

Converting Colors

CIELCh(86, 28.919, 67.489)

Have a look what the booklet for
CIELCh(86, 28.919, 67.489) contains.

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Color

CIELCh(86, 28.857, 67.483)

Conversions

Conversions Part 1

Format	Color
Hex	FDCEA5
RGB	253, 206, 165
RGB Percent	99%, 81%, 65%
CMY	0.0064, 0.1908, 0.3516
CMYK	0.00, 0.19, 0.35, 0.01
HSL	28°, 96%, 82%
HSV	28°, 35%, 99%
XYZ	69.6160, 67.9871, 45.2085
YIQ	215.3790, 41.1730, -2.7870

Conversions

Conversions Part 2

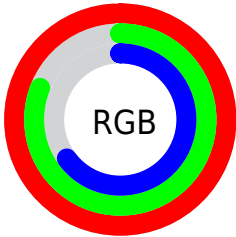
Format	Color
R _Y B	253, 242, 165
Decimal	16633509
CIE Lab	86.00, 11.05, 26.66
CIE LCh	86, 28.857, 67.483
Yxy	67.9871, 0.3808, 0.3719
Android (android.graphics.Color)	4294823589 (0xFFFDCEA5)
YUV	215.3790, -24.8368, 32.9936
Hunter-Lab	82.4543, 6.4121, 25.2102

Details

The CIELCh color $86, 28.857, 67.483$ is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be $83, 25.581, 257.278$, 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 $66, 28.824, 67.701$ is the 20% darker color. If you saturate the color by 10%, you get $82, 38.174, 66.303$, and if you desaturate by 10%, it is $90, 20.001, 68.678$.

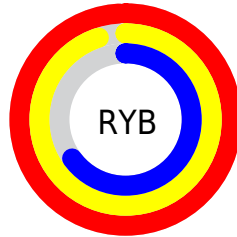
Distribution



Red (99%)

Green (81%)

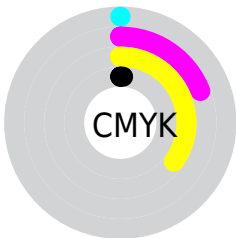
Blue (65%)



Red (99%)

Yellow (95%)

Blue (65%)

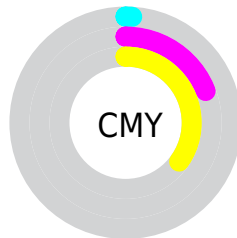


Cyan (0%)

Magenta (19%)

Yellow (35%)

Black (1%)



Cyan (1%)

Magenta (19%)

Yellow (35%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 28.857, 67.483 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, 28.857, 67.483 by changing the saturation by 10% instead.

 86, 28.857, 67.483

 86, 28.857, 67.483

 100, 28.857,
67.483

 76, 28.857, 67.483

 66, 28.857, 67.483

 56, 28.857, 67.483

 46, 28.857, 67.483

 36, 28.857, 67.483

 26, 28.857, 67.483

 16, 28.857, 67.483

 6, 28.857, 67.483

 0, 28.857, 67.483

86, 28.857, 67.483

86, 28.857, 67.483

82, 38.174, 66.303

90, 20.001, 68.678

79, 47.904, 65.115

94, 11.603, 69.856

75, 57.893, 63.894

98, 3.634, 70.954

72, 67.779, 62.553

100, 0.568,
200.535

69, 76.815, 60.896

66, 83.778, 58.557

65, 86.543, 57.078

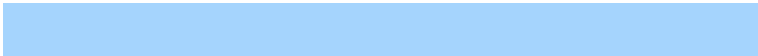
Harmonies

Complementary

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



86, 28.857, 67.483



83, 25.581, 257.278

Rectangle

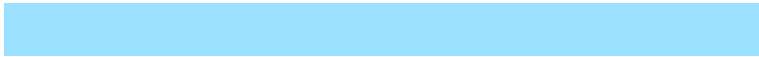
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



86, 28.857, 67.483



86, 28.857, 117.483



86, 28.857, 247.483



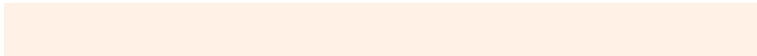
86, 28.857, 297.483

Sweetspot

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



86, 28.857, 67.490



96, 7.810, 70.401



78, 40.697, 344.220



51, 5.349, 70.241



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, 28.857, 67.490



84, 35.759, 66.627



97, 42.067, 104.551



51, 4.435, 70.456



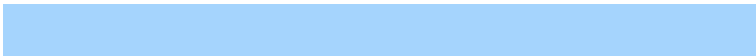
50, 69.741, 57.774



15, 27.078, 58.455

Inverse Universe

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



83, 25.581, 257.278



80, 30.803, 258.973



72, 45.530, 292.768



51, 4.313, 252.912



43, 54.418, 280.639



13, 22.320, 273.826

Previews

White Background



This preview shows how the CIELCh color 86, 28.857, 67.483 looks on a white background.

Color Contrast Check

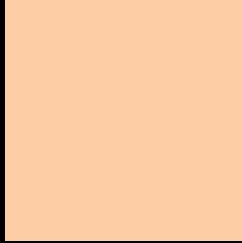
Large Text (above 18pt) WCAG AA × Fail

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, 28.857, 67.483 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

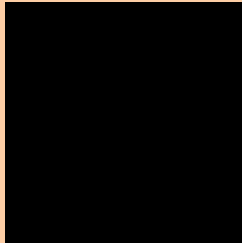
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 86, 28.857, 67.483

Background



This preview shows how black text looks on a background with the CIELCh color 86, 28.857, 67.483.



This preview shows how white text looks on a background with the CIELCh color 86, 28.857, 67.483.

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, 28.857, 67.483

Protanopia

86, 24.583, 95.176

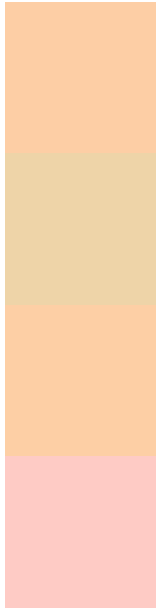
Deuteranopia

86, 28.967, 68.681



Tritanopia
86, 21.238, 1.054

Trichromacy



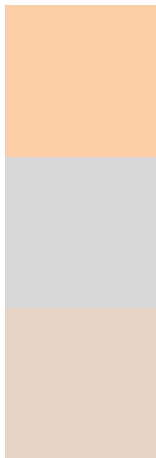
Original Color
86, 28.857, 67.483

Protanomaly
86, 25.239, 84.097

Deuteranomaly
86, 28.967, 68.681

Tritanomaly
86, 19.786, 29.862

Monochromacy



Original Color
86, 28.857, 67.483

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, 28.857, 67.483 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(253, 206, 165)` looks like.

```
.text, #text, p{  
    color:rgb(253, 206, 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(253, 206, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 206, 165) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 28.857, 67.483 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(253, 206, 165) }
```

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

```
.border{ border-color:rgb(253, 206, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 206, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(253, 206, 165); -webkit-box-shadow:4px 4px 4px 4px rgb(253, 206, 165); box-shadow:4px 4px 4px 4px rgb(253, 206, 165) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 28.857, 67.483 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 206, 165) }
```

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

```
.background{ background-color: rgb(253,  
206, 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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