

Converting Colors

CIELCh(87, 52.543, 76.422)

Have a look what the booklet for
CIELCh(87, 52.543, 76.422) contains.

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Color

CIELCh(86, 49.696, 82.112)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | FFD079 |
| RGB | 255, 208, 121 |
| RGB Percent | 100%, 82%, 47% |
| CMY | 0.0000, 0.1841, 0.5255 |
| CMYK | 0.00, 0.18, 0.53, 0.00 |
| HSL | 39°, 100%, 74% |
| HSV | 39°, 53%, 100% |
| XYZ | 67.6738, 67.9871, 27.6404 |
| YIQ | 212.1350, 55.9390, -17.0930 |

Conversions

Conversions Part 2

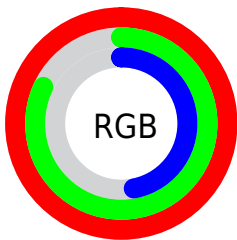
| Format | Color |
|-------------------------------------|---|
| RYB | 193, 255, 121 |
| Decimal | 16765049 |
| CIELab | 86.00, 6.82, 49.23 |
| CIElCh | 86, 49.696, 82.112 |
| Yxy | 67.9871, 0.4144, 0.4163 |
| Android (android.graphics.Color) | 4294955129 (0xFFFFD079) |
| YUV | 212.1350, -44.9296, 37.5926 |
| Hunter-Lab | 82.4543, 2.2077, 37.8428 |

Details

The CIELCh color **86, 49.696, 82.112** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **69, 48.720, 279.833**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 40.096, 107.118**, and **66, 49.358, 82.435** is the 20% darker color. If you saturate the color by 10%, you get **83, 58.961, 81.103**, and if you desaturate by 10%, it is **88, 39.803, 84.059**.

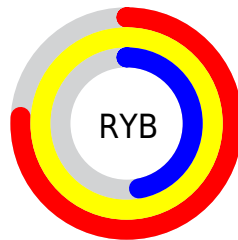
Distribution



Red (100%)

Green (82%)

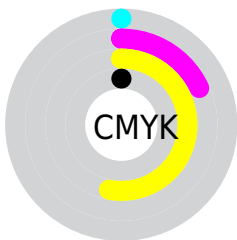
Blue (47%)



Red (76%)

Yellow (100%)

Blue (47%)

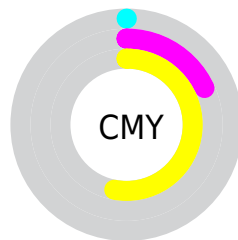


Cyan (0%)

Magenta (18%)

Yellow (53%)

Black (0%)



Cyan (0%)

Magenta (18%)

Yellow (53%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 49.696, 82.112 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, 49.696, 82.112 by changing the saturation by 10% instead.

 86, 49.696, 82.112

 86, 49.696, 82.112

 100, 49.696,
82.112

 76, 49.696, 82.112

 66, 49.696, 82.112

 56, 49.696, 82.112

 46, 49.696, 82.112

 36, 49.696, 82.112

 26, 49.696, 82.112

 16, 49.696, 82.112

 6, 49.696, 82.112

 0, 49.696, 82.112

86, 49.696, 82.112

86, 49.696, 82.112

83, 58.961, 81.103

88, 39.803, 84.059

81, 67.806, 79.477

91, 30.158, 85.457

79, 75.282, 77.631

94, 20.660, 86.814

77, 80.390, 75.380

96, 11.361, 88.121

75, 82.499, 73.383

99, 2.276, 89.289

100, 0.012,
296.813

Harmonies

Complementary

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



86, 49.696, 82.112



69, 48.720, 279.833

Rectangle

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



86, 49.696, 82.112



86, 49.696, 132.112



86, 49.696, 262.112



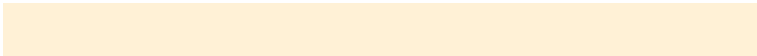
86, 49.696, 312.112

Sweetspot

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



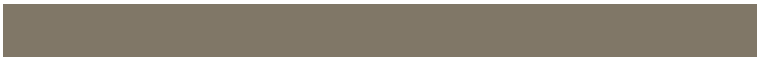
86, 49.481, 82.614



96, 14.542, 87.677



68, 55.897, 358.481



50, 9.843, 87.408



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, 49.481, 82.614



83, 59.373, 81.034



96, 65.725, 111.464



52, 5.125, 88.506



58, 66.444, 73.958



19, 27.879, 76.717

Inverse Universe

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



69, 48.720, 279.833



63, 58.946, 282.977



58, 75.829, 301.382



50, 5.114, 271.040



34, 76.846, 295.714



9, 30.821, 290.427

Previews

White Background



This preview shows how the CIELCh color 86, 49.696, 82.112 looks on a white background.

Color Contrast Check

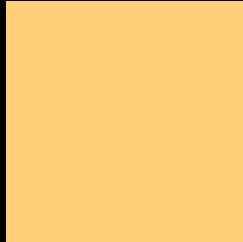
Large Text (above 18pt) WCAG AA × Fail

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, 49.696, 82.112 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, 49.696, 82.112

Background



This preview shows how black text looks on a background with the CIELCh color 86, 49.696, 82.112.



This preview shows how white text looks on a background with the CIELCh color 86, 49.696, 82.112.

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, 49.465, 82.582

Protanopia

86, 47.501, 95.531

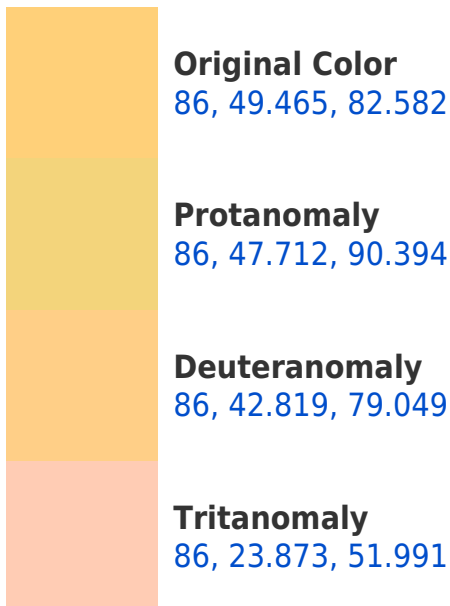
Deuteranopia

86, 39.165, 76.853



Tritanopia
86, 20.972, 3.772

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 49.696, 82.112 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, 208, 121)` looks like.

```
.text, #text, p{  
    color:rgb(255, 208, 121)  
}
```

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, 208, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 208, 121) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 49.696, 82.112 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, 208, 121) }
```

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

```
.border{ border-color:rgb(255, 208, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 208, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 208, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 208, 121);  
box-shadow:4px 4px 4px 4px rgb(255, 208,  
121) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 49.696, 82.112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 208, 121) }
```

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

```
.background{ background-color: rgb(255,  
208, 121) }
```

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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