

Converting Colors

CIELCh(86, 48.951, 104.031)

Have a look what the booklet for
CIELCh(86, 48.951, 104.031)
contains.

CIELCh(86, 48.922, 104.049)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(86, 48.922, 104.049)

Conversions

Conversions Part 1

Format	Color
Hex	DFDB7B
RGB	223, 219, 123
RGB Percent	87%, 86%, 48%
CMY	0.1243, 0.1400, 0.5166
CMYK	0.00, 0.02, 0.45, 0.12
HSL	58°, 61%, 68%
HSV	58°, 45%, 88%
XYZ	59.5234, 67.9871, 28.8137
YIQ	209.2520, 33.2000, -29.0080

Conversions

Conversions Part 2

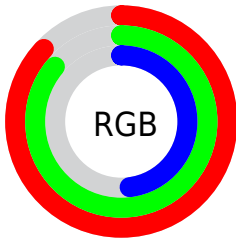
Format	Color
RYB	127, 223, 123
Decimal	14670715
CIELab	86.00, -11.88, 47.46
CIELCh	86, 48.922, 104.049
Yxy	67.9871, 0.3808, 0.4349
Android (android.graphics.Color)	4292860795 (0xFFDFDB7B)
YUV	209.2520, -42.5222, 12.0570
Hunter-Lab	82.4543, -15.4367, 36.9991

Details

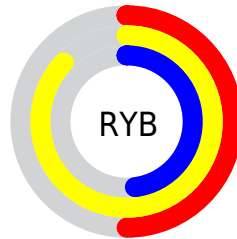
The CIELCh color $86, 48.922, 104.049$ is a light color, and the websafe version is hex `CCCC66`. A complement of this color would be $57, 54.688, 294.991$, and the grayscale version is $84, 0.010, 296.813$.

A 20% lighter version of the original color is $98, 39.118, 107.193$, and $66, 48.967, 103.929$ is the 20% darker color. If you saturate the color by 10%, you get $86, 58.895, 103.114$, and if you desaturate by 10%, it is $87, 38.382, 105.036$.

Distribution



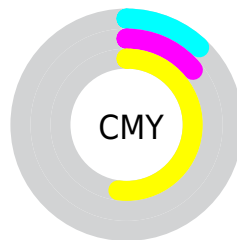
- Red (87%)
- Green (86%)
- Blue (48%)



- Red (50%)
- Yellow (87%)
- Blue (48%)



- Cyan (0%)
- Magenta (2%)
- Yellow (45%)
- Black (12%)



- Cyan (12%)
- Magenta (14%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 48.922, 104.049 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, 48.922, 104.049 by changing the saturation by 10% instead.

■ 86, 48.922,
104.049

■ 86, 48.922,
104.049

■ 100, 48.922,
104.049

■ 76, 48.922,
104.049

■ 66, 48.922,
104.049

■ 56, 48.922,
104.049

■ 46, 48.922,
104.049

■ 36, 48.922,
104.049

■ 26, 48.922,
104.049

■ 16, 48.922,

104.049

■ 6, 48.922, 104.049

■ 0, 48.922, 104.049

■ 86, 48.922,
104.049

■ 86, 48.922,
104.049

■ 86, 58.895,
103.114

■ 87, 38.382,
105.036

■ 85, 67.932,
102.253

■ 87, 27.512,
106.043

■ 85, 75.529,
101.499

■ 88, 16.464,
107.054

■ 84, 81.098,
100.886

■ 89, 5.335, 108.046

■ 84, 84.205,

■ 89, 5.815, 289.058

100.426

90, 15.778,
289.786

84, 85.092,
100.230

90, 15.309,
288.567

91, 14.848,
287.273

91, 14.395,
285.900

Harmonies

Complementary

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



86, 48.922, 104.049



57, 54.688, 294.991

Rectangle

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



86, 48.922, 104.049



86, 48.922, 154.049



86, 48.922, 284.049



86, 48.922, 334.049

Sweetspot

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



86, 48.923, 104.052



99, 16.116, 107.225



63, 41.800, 20.486



53, 11.273, 107.001



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, 48.923, 104.052



96, 64.690, 103.150



84, 53.997, 125.148



47, 6.348, 107.589



68, 71.247, 100.273



19, 26.894, 101.719

Inverse Universe

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



57, 54.688, 294.991



57, 74.877, 297.017



60, 58.145, 309.772



43, 6.479, 289.546



21, 99.443, 305.777



2, 30.752, 295.019

Previews

White Background



This preview shows how the CIELCh color 86, 48.922, 104.049 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, 48.922, 104.049 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

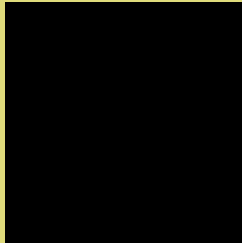
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 86, 48.922, 104.049

Background



This preview shows how black text looks on a background with the CIELCh color 86, 48.922, 104.049.

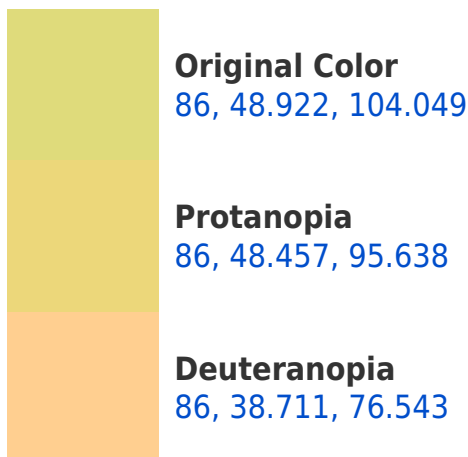


This preview shows how white text looks on a background with the CIELCh color 86, 48.922, 104.049.

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](#).

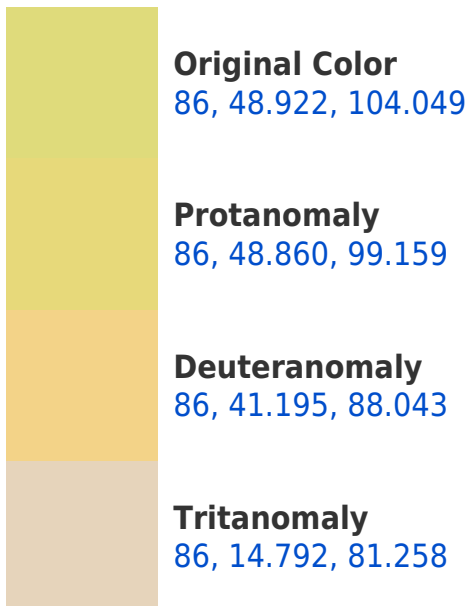
Dichromacy



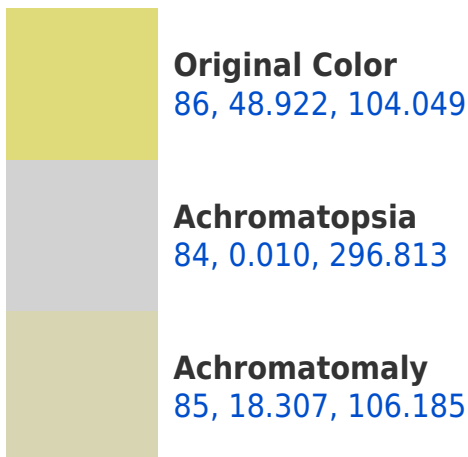


Tritanopia
86, 12.616, 338.726

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 48.922, 104.049 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(223, 219, 123)` looks like.

```
.text, #text, p{  
    color:rgb(223, 219, 123)  
}
```

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(223, 219, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 219, 123) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 48.922, 104.049 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(223, 219, 123) }
```

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

```
.border{ border-color:rgb(223, 219, 123) }
```

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

Here you see how a box with a 4 pixel rgb(223, 219, 123) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 219, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 219, 123);  
box-shadow:4px 4px 4px 4px rgb(223, 219,  
123) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 48.922, 104.049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 219, 123) }
```

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

```
.background{ background-color: rgb(223,  
219, 123) }
```

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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