

Converting Colors

CIELCh(86, 52.183, 108.456)

Have a look what the booklet for
CIELCh(86, 52.183, 108.456)
contains.

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Color

CIELCh(86, 52.183, 108.456)

Conversions

Conversions Part 1

Format	Color
Hex	D8DE77
RGB	216, 222, 119
RGB Percent	85%, 87%, 47%
CMY	0.1540, 0.1304, 0.5343
CMYK	0.03, 0.00, 0.46, 0.13
HSL	64°, 61%, 67%
HSV	64°, 46%, 87%
XYZ	57.6058, 67.9871, 27.4619
YIQ	208.4640, 29.4870, -33.3050

Conversions

Conversions Part 2

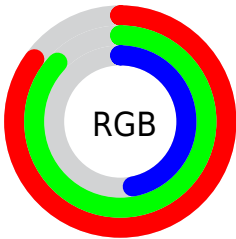
Format	Color
RYB	119, 222, 125
Decimal	14212727
CIELab	86.00, -16.52, 49.50
CIELCh	86, 52.183, 108.456
Yxy	67.9871, 0.3764, 0.4442
Android (android.graphics.Color)	4292402807 (0xFFD8DE77)
YUV	208.4640, -44.1058, 6.6091
Hunter-Lab	82.4543, -19.5880, 37.9711

Details

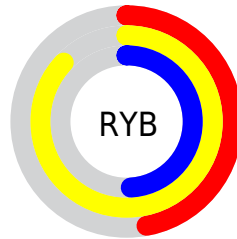
The CIELCh color **86, 52.183, 108.456** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **55, 59.125, 298.348**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 41.073, 107.042**, and **66, 52.187, 108.592** is the 20% darker color. If you saturate the color by 10%, you get **86, 62.230, 107.708**, and if you desaturate by 10%, it is **86, 41.460, 109.285**.

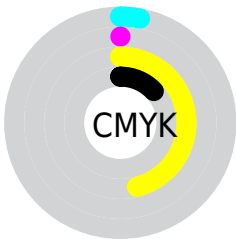
Distribution



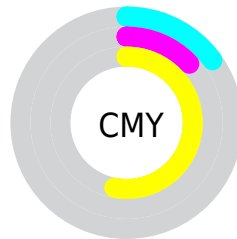
- Red (85%)
- Green (87%)
- Blue (47%)



- Red (47%)
- Yellow (87%)
- Blue (49%)



- Cyan (3%)
- Magenta (0%)
- Yellow (46%)
- Black (13%)





- Cyan (15%)
- Magenta (13%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 52.183, 108.456 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, 52.183, 108.456 by changing the saturation by 10% instead.


 86, 52.183,
108.456


 86, 52.183,
108.456


 100, 52.183,
108.456


 76, 52.183,
108.456

 66, 52.183,
108.456

 56, 52.183,
108.456

 46, 52.183,
108.456

 36, 52.183,
108.456


 26, 52.183,
108.456


 16, 52.183,


108.456


 6, 52.183, 108.456


 0, 52.183, 108.456


 86, 52.183,
108.456


 86, 52.183,
108.456


 86, 62.230,
107.708


 86, 41.460,
109.285

 85, 71.210,
107.078

 87, 30.322,
110.152

 85, 78.611,
106.623

 87, 18.943,
111.034

 85, 83.895,
106.400

 88, 7.437, 111.911

 85, 86.758,

 89, 4.124, 292.792

106.441

■ 89, 15.690,
293.621

■ 85, 87.434,
106.492

■ 90, 17.379,
294.970

■ 90, 17.416,
296.407

■ 90, 17.463,
297.841

Harmonies

Complementary

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



86, 52.183, 108.456



55, 59.125, 298.348

Rectangle

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



86, 52.183, 108.456



86, 52.183, 158.456



86, 52.183, 288.456



86, 52.183, 338.456

Sweetspot

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



86, 52.184, 108.459



99, 18.076, 111.240



63, 42.129, 27.766



53, 12.471, 111.048



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, 52.184, 108.459



97, 69.152, 107.708



83, 57.077, 128.642



46, 6.492, 111.651



68, 72.764, 106.434



18, 26.527, 107.467

Inverse Universe

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



55, 59.125, 298.348



55, 81.353, 300.154



59, 60.581, 312.991



42, 6.636, 293.356



20, 99.911, 306.473



2, 29.673, 296.353

Previews

White Background



This preview shows how the CIELCh color 86, 52.183, 108.456 looks on a white background.

Color Contrast Check

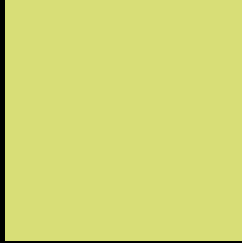
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 86, 52.183, 108.456 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

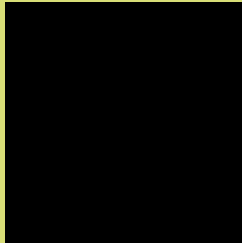
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 86, 52.183, 108.456

Background



This preview shows how black text looks on a background with the CIELCh color 86, 52.183, 108.456.



This preview shows how white text looks on a background with the CIELCh color 86, 52.183, 108.456.

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, 52.183, 108.456

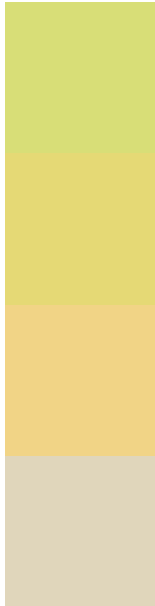
Protanopia
86, 51.380, 95.454

Deuteranopia
86, 39.620, 77.154



Tritanopia
86, 10.631, 328.042

Trichromacy



Original Color
86, 52.183, 108.456

Protanomaly
86, 51.134, 100.173

Deuteranomaly
86, 42.193, 90.133

Tritanomaly
86, 14.604, 93.827

Monochromacy



Original Color
86, 52.183, 108.456

Achromatopsia
83, 0.010, 296.813

Achromatomaly
84, 19.358, 110.774

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 52.183, 108.456 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(216, 222, 119)` looks like.

```
.text, #text, p{  
    color:rgb(216, 222, 119)  
}
```

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(216, 222, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 222, 119) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 52.183, 108.456 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(216, 222, 119) }
```

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

```
.border{ border-color:rgb(216, 222, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 222, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 222, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 222, 119);  
box-shadow:4px 4px 4px 4px rgb(216, 222,  
119) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 52.183, 108.456 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 222, 119) }
```

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

```
.background{ background-color: rgb(216,  
222, 119) }
```

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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