

Converting Colors

CIELCh(86, 59.903, 109.011)

Have a look what the booklet for
CIELCh(86, 59.903, 109.011)
contains.

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Color

CIELCh(86, 60.020, 109.074)

Conversions

Conversions Part 1

Format	Color
Hex	D5DF67
RGB	213, 223, 103
RGB Percent	84%, 87%, 40%
CMY	0.1642, 0.1250, 0.5956
CMYK	0.04, 0.00, 0.54, 0.12
HSL	65°, 65%, 64%
HSV	65°, 54%, 88%
XYZ	56.3514, 67.9871, 23.0151
YIQ	206.3300, 32.5600, -39.4400

Conversions

Conversions Part 2

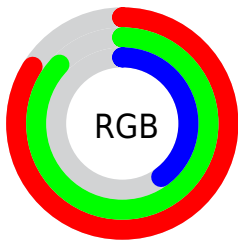
Format	Color
RYB	103, 223, 113
Decimal	14016359
CIELab	86.00, -19.61, 56.72
CIElCh	86, 60.020, 109.074
Yxy	67.9871, 0.3824, 0.4614
Android (android.graphics.Color)	4292206439 (0xFFD5DF67)
YUV	206.3300, -50.9417, 5.8496
Hunter-Lab	82.4543, -22.3036, 41.1686

Details

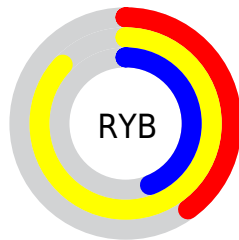
The CIELCh color **86, 60.020, 109.074** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **50, 69.769, 300.266**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 48.795, 106.446**, and **66, 60.072, 109.047** is the 20% darker color. If you saturate the color by 10%, you get **86, 69.394, 108.455**, and if you desaturate by 10%, it is **86, 49.695, 109.812**.

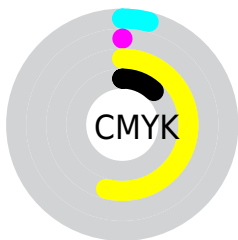
Distribution



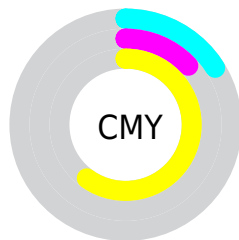
- Red (84%)
- Green (87%)
- Blue (40%)



- Red (40%)
- Yellow (87%)
- Blue (44%)



- Cyan (4%)
- Magenta (0%)
- Yellow (54%)
- Black (12%)





- Cyan (16%)
- Magenta (13%)
- Yellow (60%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 60.020, 109.074 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, 60.020, 109.074 by changing the saturation by 10% instead.


 86, 60.020,
109.074


 86, 60.020,
109.074


 100, 60.020,
109.074


 76, 60.020,
109.074

 66, 60.020,
109.074

 56, 60.020,
109.074

 46, 60.020,
109.074

 36, 60.020,
109.074


 26, 60.020,
109.074


 16, 60.020,


109.074


 6, 60.020, 109.074


 0, 60.020, 109.074


 86, 60.020,
109.074


 86, 60.020,
109.074

 86, 69.394,
108.455


 86, 49.695,
109.812


 85, 77.332,
108.004

 87, 38.770,
110.615

 85, 83.281,
107.790

 87, 27.484,
111.453

 85, 86.832,
107.862

 88, 15.991,
112.299

 85, 88.065,

 89, 4.392, 113.134

108.024

■ 89, 7.245, 293.967

■ 90, 16.640,
295.023

■ 90, 16.698,
297.181

■ 90, 16.779,
299.330

Harmonies

Complementary

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



86, 60.020, 109.074



50, 69.769, 300.266

Rectangle

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



86, 60.020, 109.074



86, 60.020, 159.074



86, 60.020, 289.074



86, 60.020, 339.074

Sweetspot

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



86, 60.021, 109.076



99, 20.669, 112.102



60, 49.007, 31.238



53, 13.945, 111.926



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, 60.021, 109.076



96, 78.381, 108.364



82, 66.410, 129.445



47, 6.623, 112.665



68, 73.735, 107.945



19, 28.001, 108.550

Inverse Universe

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



50, 69.769, 300.266



49, 95.511, 302.347



56, 70.689, 314.341



43, 6.770, 294.298



21, 100.857, 306.559



2, 31.764, 297.850

Previews

White Background



This preview shows how the CIELCh color 86, 60.020, 109.074 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, 60.020, 109.074 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, 60.020, 109.074

Background



This preview shows how black text looks on a background with the CIELCh color 86, 60.020, 109.074.



This preview shows how white text looks on a background with the CIELCh color 86, 60.020, 109.074.

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, 60.020, 109.074

Protanopia

86, 58.332, 95.562

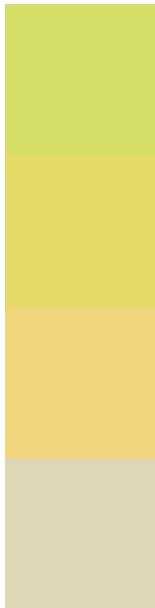
Deuteranopia

86, 41.445, 78.280



Tritanopia
86, 10.211, 324.803

Trichromacy



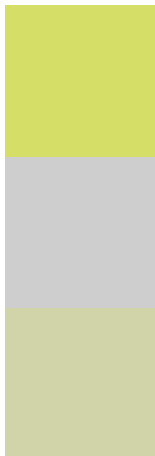
Original Color
86, 60.020, 109.074

Protanomaly
86, 58.427, 100.618

Deuteranomaly
86, 46.724, 92.287

Tritanomaly
86, 17.882, 101.249

Monochromacy



Original Color
86, 60.020, 109.074

Achromatopsia
83, 0.010, 296.813

Achromatomaly
84, 22.507, 111.181

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 60.020, 109.074 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(213, 223, 103)` looks like.

```
.text, #text, p{  
    color:rgb(213, 223, 103)  
}
```

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(213, 223, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 223, 103) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 60.020, 109.074 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(213, 223, 103) }
```

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

```
.border{ border-color:rgb(213, 223, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 223, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(213, 223, 103); -webkit-box-shadow:4px 4px 4px 4px rgb(213, 223, 103); box-shadow:4px 4px 4px 4px rgb(213, 223, 103) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 60.020, 109.074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 223, 103) }
```

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

```
.background{ background-color: rgb(213,  
223, 103) }
```

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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