

Converting Colors

CIELCh(86, 61.635, 102.454)

Have a look what the booklet for
CIELCh(86, 61.635, 102.454)
contains.

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Color

CIELCh(86, 61.755, 102.557)

Conversions

Conversions Part 1

Format	Color
Hex	E2DC60
RGB	226, 220, 96
RGB Percent	89%, 86%, 38%
CMY	0.1150, 0.1384, 0.6246
CMYK	0.00, 0.03, 0.58, 0.11
HSL	57°, 69%, 63%
HSV	57°, 58%, 89%
XYZ	58.8786, 67.9871, 21.0168
YIQ	207.6580, 43.3800, -37.2920

Conversions

Conversions Part 2

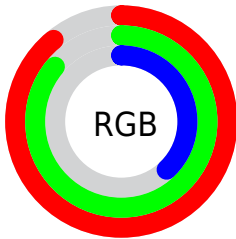
Format	Color
RYB	102, 226, 96
Decimal	14867552
CIELab	86.00, -13.43, 60.28
CIElCh	86, 61.755, 102.557
Yxy	67.9871, 0.3981, 0.4597
Android (android.graphics.Color)	4293057632 (0xFFE2DC60)
YUV	207.6580, -55.0474, 16.0859
Hunter-Lab	82.4543, -16.8326, 42.6056

Details

The CIELCh color **86, 61.755, 102.557** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **49, 72.281, 297.525**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 52.112, 106.190**, and **66, 61.817, 102.407** is the 20% darker color. If you saturate the color by 10%, you get **86, 70.495, 101.709**, and if you desaturate by 10%, it is **87, 51.955, 103.492**.

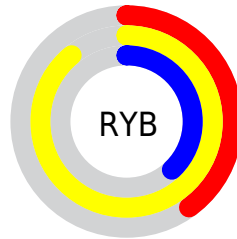
Distribution



Red (89%)

Green (86%)

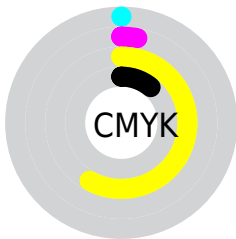
Blue (38%)



Red (40%)

Yellow (89%)

Blue (38%)

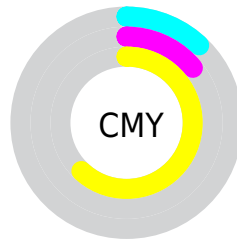


Cyan (0%)

Magenta (3%)

Yellow (58%)

Black (11%)



Cyan (12%)


Magenta (14%)


Yellow (62%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 61.755, 102.557 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, 61.755, 102.557 by changing the saturation by 10% instead.


 86, 61.755,
102.557


 86, 61.755,
102.557


 100, 61.755,
102.557


 76, 61.755,
102.557

 66, 61.755,
102.557

 56, 61.755,
102.557

 46, 61.755,
102.557

 36, 61.755,
102.557

 26, 61.755,
102.557

 16, 61.755,

102.557

■ 6, 61.755, 102.557

■ 0, 61.755, 102.557

■ 86, 61.755,
102.557

■ 86, 61.755,
102.557

■ 86, 70.495,
101.709

■ 87, 51.955,
103.492

■ 85, 77.624,
100.971

■ 87, 41.499,
104.476

■ 85, 82.554,
100.374

■ 88, 30.662,
105.487

■ 84, 85.000, 99.918

■ 88, 19.616,
106.506

■ 84, 85.405, 99.819

■ 89, 8.471, 107.512

■ 90, 2.706, 288.550

■ 91, 13.872,
289.488

■ 91, 14.007,
288.079

■ 91, 13.478,
286.411

Harmonies

Complementary

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



86, 61.755, 102.557



49, 72.281, 297.525

Rectangle

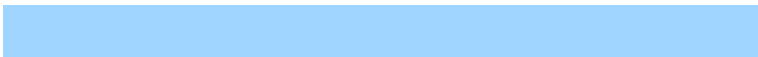
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



86, 61.755, 102.557



86, 61.755, 152.557



86, 61.755, 282.557



86, 61.755, 332.557

Sweetspot

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



86, 61.756, 102.560



99, 20.936, 106.554



57, 55.752, 23.406



52, 13.997, 106.348



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, 61.756, 102.560



95, 78.935, 101.561



84, 68.670, 124.675



47, 6.310, 107.328



67, 70.945, 99.871



18, 26.741, 101.379

Inverse Universe

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



49, 72.281, 297.525



47, 97.394, 300.338



53, 75.819, 310.527



43, 6.438, 289.294



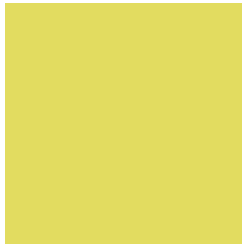
21, 99.173, 305.701



2, 30.622, 294.894

Previews

White Background



This preview shows how the CIELCh color 86, 61.755, 102.557 looks on a white background.

Color Contrast Check

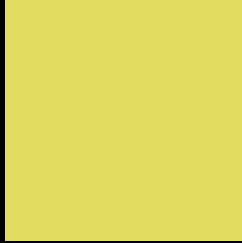
Large Text (above 18pt) WCAG AA × Fail

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, 61.755, 102.557 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

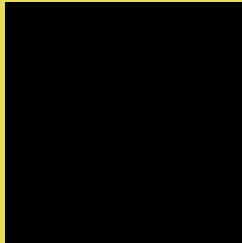
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 86, 61.755, 102.557

Background



This preview shows how black text looks on a background with the CIELCh color 86, 61.755, 102.557.



This preview shows how white text looks on a background with the CIELCh color 86, 61.755, 102.557.

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, 61.755, 102.557

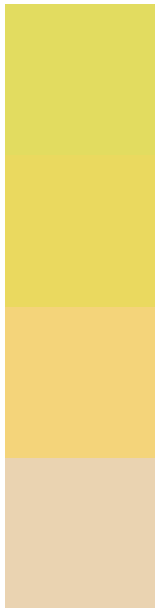
Protanopia
86, 61.481, 95.343

Deuteranopia
86, 41.902, 78.543



Tritanopia
86, 14.639, 343.093

Trichromacy



Original Color
86, 61.755, 102.557

Protanomaly
86, 61.381, 98.170

Deuteranomaly
86, 48.313, 90.017

Tritanomaly
86, 19.961, 81.910

Monochromacy



Original Color
86, 61.755, 102.557

Achromatopsia
83, 0.010, 296.813

Achromatomaly
84, 23.511, 106.223

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 61.755, 102.557 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(226, 220, 96)` looks like.

```
.text, #text, p{  
    color:rgb(226, 220, 96)  
}
```

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(226, 220, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 220, 96) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 61.755, 102.557 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(226, 220, 96) }
```

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

```
.border{ border-color:rgb(226, 220, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 220, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 220, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 220, 96);  
box-shadow:4px 4px 4px 4px rgb(226, 220,  
96) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 61.755, 102.557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 220, 96) }
```

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

```
.background{ background-color: rgb(226,  
220, 96) }
```

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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