

Converting Colors

CIELCh(86, 49.602, 102.465)

Have a look what the booklet for
CIELCh(86, 49.602, 102.465)
contains.

CIELCh(86, 49.942, 102.574)	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, 49.942, 102.574)

Conversions

Conversions Part 1

Format	Color
Hex	E2DB79
RGB	226, 219, 121
RGB Percent	89%, 86%, 47%
CMY	0.1150, 0.1424, 0.5266
CMYK	0.00, 0.03, 0.47, 0.12
HSL	56°, 64%, 68%
HSV	56°, 47%, 88%
XYZ	59.9433, 67.9871, 27.9570
YIQ	209.9210, 35.6300, -28.9940

Conversions

Conversions Part 2

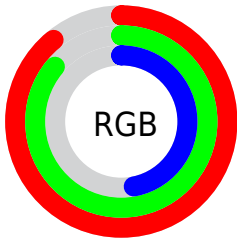
Format	Color
RYB	129, 226, 121
Decimal	14867321
CIELab	86.00, -10.87, 48.74
CIELCh	86, 49.942, 102.574
Yxy	67.9871, 0.3845, 0.4361
Android (android.graphics.Color)	4293057401 (0xFFE2DB79)
YUV	209.9210, -43.8381, 14.1013
Hunter-Lab	82.4543, -14.5277, 37.6151

Details

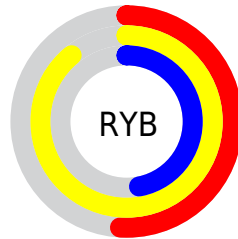
The CIELCh color **86, 49.942, 102.574** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **57, 55.773, 294.298**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 40.096, 107.118**, and **66, 49.935, 102.315** is the 20% darker color. If you saturate the color by 10%, you get **85, 59.713, 101.596**, and if you desaturate by 10%, it is **87, 39.589, 103.598**.

Distribution



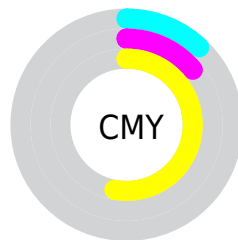
- Red (89%)
- Green (86%)
- Blue (47%)



- Red (51%)
- Yellow (89%)
- Blue (47%)



- Cyan (0%)
- Magenta (3%)
- Yellow (47%)
- Black (12%)



- Cyan (12%)
- Magenta (14%)
- Yellow (53%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 49.942, 102.574 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, 49.942, 102.574 by changing the saturation by 10% instead.


 86, 49.942,
102.574

 86, 49.942,
102.574


 100, 49.942,
102.574

 76, 49.942,
102.574

 66, 49.942,
102.574

 56, 49.942,
102.574

 46, 49.942,
102.574

 36, 49.942,
102.574

 26, 49.942,
102.574

 16, 49.942,

102.574

■ 6, 49.942, 102.574

■ 0, 49.942, 102.574

■ 86, 49.942,
102.574

■ 86, 49.942,
102.574

■ 85, 59.713,
101.596

■ 87, 39.589,
103.598

■ 85, 68.512,
100.682

■ 87, 28.905,
104.637

■ 84, 75.801, 99.860

■ 88, 18.048,
105.677

■ 84, 80.967, 99.153

■ 89, 7.118, 106.699

■ 83, 83.603, 98.564

■ 90, 3.825, 287.746

■ 83, 84.167, 98.375

■ 91, 14.171,
288.544

■ 91, 13.404,
286.143

■ 92, 12.663,
283.464

■ 92, 11.954,
280.467

Harmonies

Complementary

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



86, 49.942, 102.574



57, 55.773, 294.298

Rectangle

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



86, 49.942, 102.574



86, 49.942, 152.574



86, 49.942, 282.574



86, 49.942, 332.574

Sweetspot

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



86, 49.943, 102.577



99, 16.900, 105.927



63, 43.819, 19.592



52, 11.665, 105.703



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, 49.943, 102.577



95, 65.353, 101.609



85, 56.203, 124.448



47, 6.180, 106.403



66, 69.935, 98.452



18, 26.221, 100.173

Inverse Universe

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



57, 55.773, 294.298



57, 75.627, 296.469



59, 60.898, 309.362



43, 6.300, 288.403



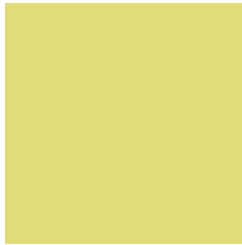
22, 98.233, 305.436



3, 30.172, 294.457

Previews

White Background



This preview shows how the CIELCh color 86, 49.942, 102.574 looks on a white background.

Color Contrast Check

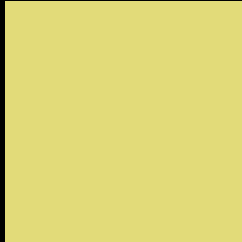
Large Text (above 18pt) WCAG AA × Fail

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, 49.942, 102.574 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

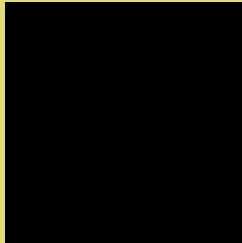
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 86, 49.942, 102.574

Background



This preview shows how black text looks on a background with the CIELCh color 86, 49.942, 102.574.



This preview shows how white text looks on a background with the CIELCh color 86, 49.942, 102.574.

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](#).

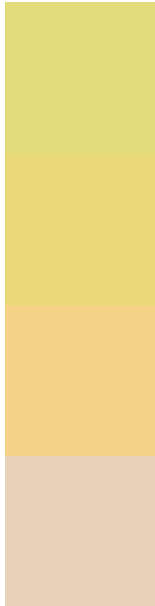
Dichromacy





Tritanopia
86, 13.457, 341.928

Trichromacy



Original Color
86, 49.942, 102.574

Protanomaly
86, 49.486, 98.194

Deuteranomaly
86, 41.822, 87.664

Tritanomaly
86, 15.393, 77.422

Monochromacy



Original Color
86, 49.942, 102.574

Achromatopsia
84, 0.010, 296.813

Achromatomaly
85, 18.325, 104.982

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 49.942, 102.574 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, 219, 121)` looks like.

```
.text, #text, p{  
    color:rgb(226, 219, 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(226, 219, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 219, 121) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 49.942, 102.574 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, 219, 121) }
```

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

```
.border{ border-color:rgb(226, 219, 121) }
```

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

Here you see how a box with a 4 pixel rgb(226, 219, 121) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 219, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 219, 121);  
box-shadow:4px 4px 4px 4px rgb(226, 219,  
121) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 49.942, 102.574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 219, 121) }
```

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

```
.background{ background-color: rgb(226,  
219, 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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