

Converting Colors

CIELCh(82, 54.313, 107.151)

Have a look what the booklet for
CIELCh(82, 54.313, 107.151)
contains.

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Color

CIELCh(82, 54.339, 107.133)

Conversions

Conversions Part 1	
Format	Color
Hex	CED267
RGB	206, 210, 103
RGB Percent	81%, 82%, 40%
CMY	0.1915, 0.1758, 0.5955
CMYK	0.02, 0.00, 0.51, 0.18
HSL	62°, 54%, 61%
HSV	62°, 51%, 82%
XYZ	51.0398, 60.2982, 21.8197
YIQ	196.6060, 31.9630, -34.1250

Conversions

Conversions Part 2

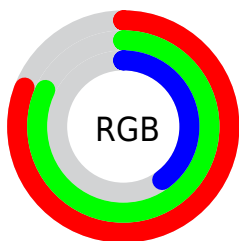
Format	Color
RYB	103, 210, 107
Decimal	13554279
CIELab	82.00, -16.01, 51.93
CIELCh	82, 54.339, 107.133
Yxy	60.2982, 0.3833, 0.4528
Android (android.graphics.Color)	4291744359 (0xFFCED267)
YUV	196.6060, -46.1478, 8.2385
Hunter-Lab	77.6519, -18.5647, 37.6962

Details

The CIELCh color **82, 54.339, 107.133** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **49, 62.596, 298.580**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 48.795, 106.446**, and **62, 54.343, 107.532** is the 20% darker color. If you saturate the color by 10%, you get **82, 63.563, 106.396**, and if you desaturate by 10%, it is **82, 44.324, 107.964**.

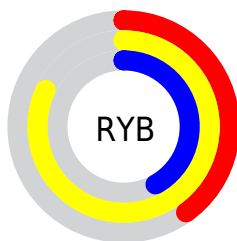
Distribution



Red (81%)

Green (82%)

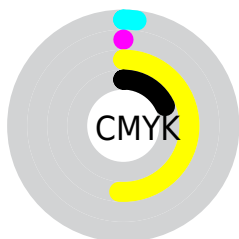
Blue (40%)



Red (40%)

Yellow (82%)

Blue (42%)

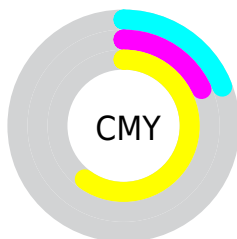


Cyan (2%)

Magenta (0%)

Yellow (51%)

Black (18%)



Cyan (19%)


Magenta (18%)


Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 82, 54.339, 107.133 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 82, 54.339, 107.133 by changing the saturation by 10% instead.


 82, 54.339,
107.133


 82, 54.339,
107.133


 100, 54.339,
107.133


 72, 54.339,
107.133

 62, 54.339,
107.133

 52, 54.339,
107.133

 42, 54.339,
107.133

 32, 54.339,
107.133


 22, 54.339,
107.133


 12, 54.339,


107.133

 2, 54.339, 107.133


 0, 54.339, 107.133


 82, 54.339,
107.133


 82, 54.339,
107.133


 82, 63.563,
106.396


 82, 44.324,
107.964

 82, 71.568,
105.790


 83, 33.816,
108.845

 81, 77.837,
105.370

 83, 23.015,
109.752


 81, 81.909,
105.178


 84, 12.050,
110.662


 81, 83.856,

 84, 1.006, 111.517

105.183

 85, 10.062,
292.453

 86, 21.118,
293.301

 86, 23.612,
293.976

 86, 23.625,
294.606

Harmonies

Complementary

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



82, 54.339, 107.133



49, 62.596, 298.580

Rectangle

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



82, 54.339, 107.133



82, 54.339, 157.133



82, 54.339, 287.133



82, 54.339, 337.133

Sweetspot

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



82, 54.340, 107.136



99, 19.348, 110.276



57, 45.432, 27.393



53, 13.191, 110.082



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



82, 54.340, 107.136



97, 74.305, 106.344



78, 59.307, 127.892



44, 6.238, 110.799



66, 71.073, 105.148



16, 23.501, 107.064

Inverse Universe

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



49, 62.596, 298.580



51, 89.371, 300.695



54, 63.535, 312.676



40, 6.376, 292.559



20, 97.830, 306.411



2, 25.582, 294.165

Previews

White Background



This preview shows how the CIELCh color 82, 54.339, 107.133 looks on a white background.

Color Contrast Check

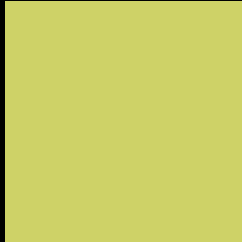
Large Text (above 18pt) WCAG AA × Fail

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 82, 54.339, 107.133 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

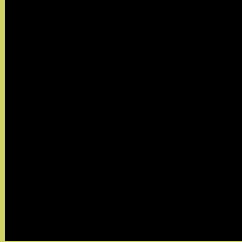
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 82, 54.339, 107.133

Background



This preview shows how black text looks on a background with the CIELCh color 82, 54.339, 107.133.



This preview shows how white text looks on a background with the CIELCh color 82, 54.339, 107.133.

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

82, 54.339, 107.133

Protanopia

82, 53.492, 95.781

Deuteranopia

82, 51.930, 78.319



Tritanopia

82, 11.198, 331.069

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 54.339, 107.133 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(206, 210, 103)` looks like.

```
.text, #text, p{  
    color:rgb(206, 210, 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(206, 210, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 210, 103) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 54.339, 107.133 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(206, 210, 103) }
```

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

```
.border{ border-color:rgb(206, 210, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 210, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 210, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 210, 103);  
box-shadow:4px 4px 4px 4px rgb(206, 210,  
103) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 54.339, 107.133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 210, 103) }
```

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

```
.background{ background-color: rgb(206,  
210, 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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