

Converting Colors

CIELCh(82, 63.278, 140.987)

Have a look what the booklet for
CIELCh(82, 63.278, 140.987)
contains.

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Color

CIELCh(82, 63.304, 140.952)

Conversions

Conversions Part 1

Format	Color
Hex	7EE27E
RGB	126, 226, 126
RGB Percent	49%, 89%, 49%
CMY	0.5061, 0.1139, 0.5061
CMYK	0.44, 0.00, 0.44, 0.11
HSL	120°, 63%, 69%
HSV	120°, 44%, 89%
XYZ	39.5394, 60.2982, 29.2756
YIQ	184.7000, -27.5000, -52.3000

Conversions

Conversions Part 2

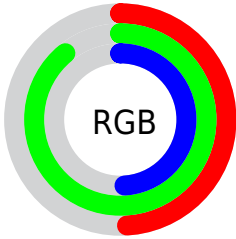
Format	Color
RYB	126, 226, 226
Decimal	8315518
CIELab	82.00, -49.16, 39.88
CIElCh	82, 63.304, 140.952
Yxy	60.2982, 0.3062, 0.4670
Android (android.graphics.Color)	4286505598 (0xFF7EE27E)
YUV	184.7000, -28.9391, -51.4799
Hunter-Lab	77.6519, -45.0008, 32.0034

Details

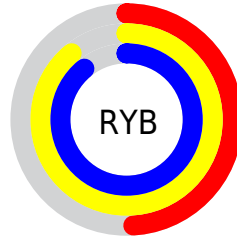
The CIELCh color **82, 63.304, 140.952** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **67, 63.097, 326.787**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 46.376, 141.420**, and **62, 63.319, 141.034** is the 20% darker color. If you saturate the color by 10%, you get **81, 76.196, 139.855**, and if you desaturate by 10%, it is **83, 49.491, 141.949**.

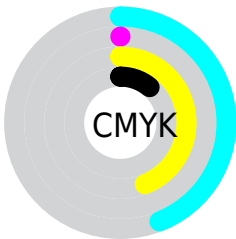
Distribution



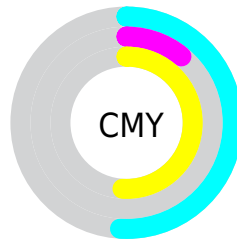
- Red (49%)
- Green (89%)
- Blue (49%)



- Red (49%)
- Yellow (89%)
- Blue (89%)



- Cyan (44%)
- Magenta (0%)
- Yellow (44%)
- Black (11%)





- Cyan (51%)
- Magenta (11%)
- Yellow (51%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 82, 63.304, 140.952 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, 63.304, 140.952 by changing the saturation by 10% instead.


 82, 63.304,
140.952


 82, 63.304,
140.952


 100, 63.304,
140.952


 72, 63.304,
140.952

 62, 63.304,
140.952

 52, 63.304,
140.952

 42, 63.304,
140.952

 32, 63.304,
140.952

 22, 63.304,
140.952

 12, 63.304,

140.952

■ 2, 63.304, 140.952

■ 0, 63.304, 140.952

■ 82, 63.304,
140.952

■ 82, 63.304,
140.952

■ 81, 76.196,
139.855

■ 83, 49.491,
141.949

■ 80, 87.671,
138.711

■ 85, 35.156,
142.823

■ 79, 97.157,
137.625

■ 87, 20.616,
143.579


■ 79, 104.075,
136.741


■ 89, 6.113, 144.248

■ 79, 108.052,

■ 91, 8.184, 324.706

136.195

 93, 18.167,
325.055

 79, 109.313,
136.016

Harmonies

Complementary

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



82, 63.304, 140.952



67, 63.097, 326.787

Rectangle

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



82, 63.304, 140.952



82, 63.304, 190.952



82, 63.304, 320.952



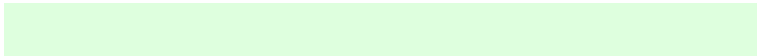
82, 63.304, 10.952

Sweetspot

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



82, 63.305, 140.952



97, 20.722, 143.660



88, 50.593, 105.935



51, 14.515, 143.504



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, 63.305, 140.952



90, 82.269, 139.957



83, 43.390, 159.133



46, 8.141, 143.906



63, 90.677, 136.016



16, 35.256, 139.481

Inverse Universe

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



67, 63.097, 326.787



71, 81.689, 327.192



65, 45.655, 348.221



44, 8.154, 324.941



42, 87.487, 328.234



8, 35.925, 328.230

Previews

White Background



This preview shows how the CIE LCh color 82, 63.304, 140.952 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, 63.304, 140.952 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, 63.304, 140.952

Background



This preview shows how black text looks on a background with the CIELCh color 82, 63.304, 140.952.

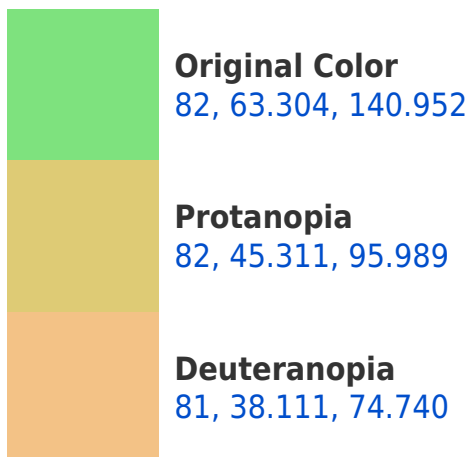


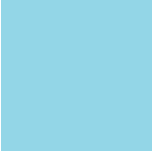
This preview shows how white text looks on a background with the CIELCh color 82, 63.304, 140.952.

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
82, 22.638, 221.732

Trichromacy



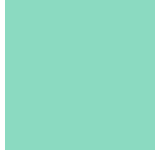
Original Color
82, 63.304, 140.952



Protanomaly
81, 47.812, 117.813



Deuteranomaly
81, 39.060, 110.265

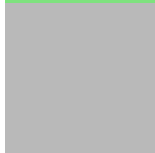


Tritanomaly
82, 30.170, 171.137

Monochromacy



Original Color
82, 63.304, 140.952



Achromatopsia
75, 0.009, 296.813



Achromatomaly
77, 23.604, 143.318

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 63.304, 140.952 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(126, 226, 126)` looks like.

```
.text, #text, p{  
    color:rgb(126, 226, 126)  
}
```

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(126, 226, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 226, 126) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 63.304, 140.952 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(126, 226, 126) }
```

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

```
.border{ border-color:rgb(126, 226, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 226, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 226, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 226, 126);  
box-shadow:4px 4px 4px 4px rgb(126, 226,  
126) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 63.304, 140.952 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 226, 126) }
```

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

```
.background{ background-color: rgb(126,  
226, 126) }
```

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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