

Converting Colors

CIELCh(82, 63.681, 150.027)

Have a look what the booklet for
CIELCh(82, 63.681, 150.027)
contains.

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Color

CIELCh(82, 63.681, 150.027)

Conversions

Conversions Part 1

Format	Color
Hex	61E58E
RGB	97, 229, 142
RGB Percent	38%, 90%, 56%
CMY	0.6212, 0.1034, 0.4444
CMYK	0.58, 0.00, 0.38, 0.10
HSL	140°, 71%, 64%
HSV	140°, 58%, 90%
XYZ	37.6627, 60.2982, 35.1129
YIQ	179.6140, -50.7450, -55.0410

Conversions

Conversions Part 2

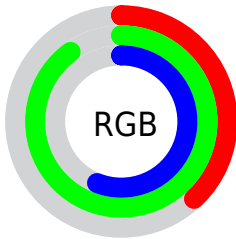
Format	Color
RYB	97, 195, 229
Decimal	6415758
CIELab	82.00, -55.16, 31.81
CIELCh	82, 63.681, 150.027
Yxy	60.2982, 0.2830, 0.4531
Android (android.graphics.Color)	4284605838 (0xFF61E58E)
YUV	179.6140, -18.5437, -72.4525
Hunter-Lab	77.6519, -49.3148, 27.5464

Details

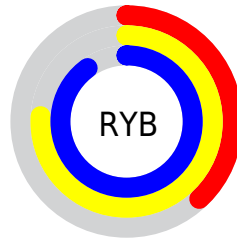
The CIELCh color **82, 63.681, 150.027** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **60, 64.184, 341.064**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 45.523, 154.953**, and **62, 63.353, 150.211** is the 20% darker color. If you saturate the color by 10%, you get **81, 72.928, 148.429**, and if you desaturate by 10%, it is **83, 53.587, 151.430**.

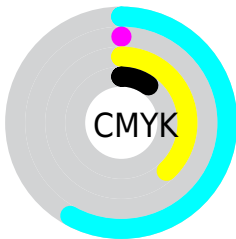
Distribution



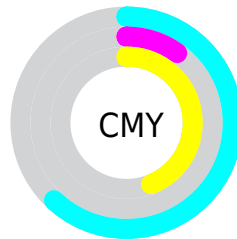
- Red (38%)
- Green (90%)
- Blue (56%)



- Red (38%)
- Yellow (76%)
- Blue (90%)



- Cyan (58%)
- Magenta (0%)
- Yellow (38%)
- Black (10%)





- Cyan (62%)
- Magenta (10%)
- Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 82, 63.681, 150.027 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, 63.681, 150.027 by changing the saturation by 10% instead.


 82, 63.681,
150.027


 82, 63.681,
150.027


 100, 63.681,
150.027


 72, 63.681,
150.027

 62, 63.681,
150.027

 52, 63.681,
150.027

 42, 63.681,
150.027

 32, 63.681,
150.027

 22, 63.681,
150.027

 12, 63.681,

150.027

■ 2, 63.681, 150.027

■ 0, 63.681, 150.027

■ 82, 63.681,
150.027

■ 82, 63.681,
150.027

■ 81, 72.928,
148.429

■ 83, 53.587,
151.430

■ 81, 81.149,
146.637

■ 84, 42.849,
152.654

■ 80, 88.231,
144.674

■ 86, 31.683,
153.719

■ 80, 94.153,
142.614

■ 87, 20.285,
154.652

■ 80, 95.373,

■ 89, 8.825, 155.488

142.175

■ 91, 2.561, 336.006

■ 93, 13.356,
334.972

■ 94, 16.477,
324.995

Harmonies

Complementary

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



82, 63.681, 150.027



60, 64.184, 341.064

Rectangle

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



82, 63.681, 150.027



82, 63.681, 200.027



82, 63.681, 330.027



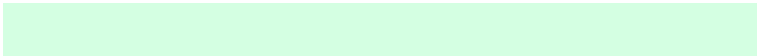
82, 63.681, 20.027

Sweetspot

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



82, 63.682, 150.027



96, 21.227, 154.708



85, 67.600, 120.069



51, 14.201, 154.531



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, 63.682, 150.027



89, 80.771, 148.144



83, 41.418, 180.206



47, 6.496, 155.348



64, 78.604, 142.537



18, 30.217, 146.512

Inverse Universe

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



60, 64.184, 341.064



62, 79.837, 342.556



58, 54.953, 14.743



45, 6.536, 336.645



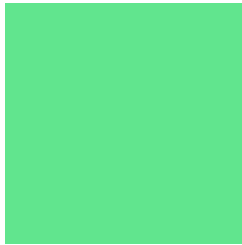
39, 68.927, 347.975



7, 29.793, 344.024

Previews

White Background



This preview shows how the CIELCh color 82, 63.681, 150.027 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, 63.681, 150.027 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

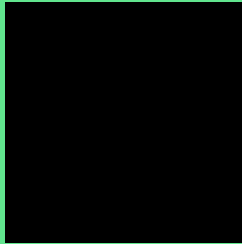
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 82, 63.681, 150.027

Background



This preview shows how black text looks on a background with the CIELCh color 82, 63.681, 150.027.



This preview shows how white text looks on a background with the CIELCh color 82, 63.681, 150.027.

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, 63.681, 150.027

Protanopia
81, 37.873, 95.464

Deuteranopia
81, 29.978, 70.168

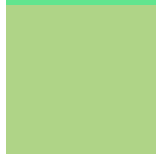


Tritanopia
82, 29.074, 216.994

Trichromacy



Original Color
82, 63.681, 150.027



Protanomaly
81, 42.615, 126.666



Deuteranomaly
80, 32.414, 121.451



Tritanomaly
82, 35.944, 179.631

Monochromacy



Original Color
82, 63.681, 150.027



Achromatopsia
73, 0.009, 296.813



Achromatomaly
75, 24.824, 153.742

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 63.681, 150.027 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(97, 229, 142)` looks like.

```
.text, #text, p{  
    color:rgb(97, 229, 142)  
}
```

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(97, 229, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 229, 142) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 63.681, 150.027 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(97, 229, 142) }
```

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

```
.border{ border-color:rgb(97, 229, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 229, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 229, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 229, 142);  
box-shadow:4px 4px 4px 4px rgb(97, 229,  
142) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 63.681, 150.027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 229, 142) }
```

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

```
.background{ background-color: rgb(97, 229,  
142) }
```

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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