

Converting Colors

CIELCh(81, 68.562, 147.228)

Have a look what the booklet for
CIELCh(81, 68.562, 147.228)
contains.

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Color

CIELCh(81, 68.556, 147.208)

Conversions

Conversions Part 1

Format	Color
Hex	5CE280
RGB	92, 226, 128
RGB Percent	36%, 89%, 50%
CMY	0.6411, 0.1119, 0.4963
CMYK	0.60, 0.00, 0.43, 0.11
HSL	136°, 70%, 62%
HSV	136°, 60%, 89%
XYZ	35.6159, 58.4711, 29.9794
YIQ	174.7620, -48.4060, -58.8860

Conversions

Conversions Part 2

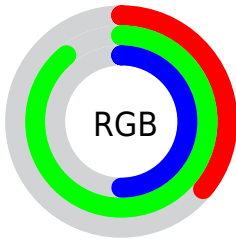
Format	Color
R_{YB}	92, 198, 226
Decimal	6087296
CIE _{Lab}	81.00, -57.63, 37.13
CIE _{LCh}	81, 68.556, 147.208
Yxy	58.4711, 0.2871, 0.4713
Android (android.graphics.Color)	4284277376 (0xFF5CE280)
YUV	174.7620, -23.0537, -72.5823
Hunter-Lab	76.4664, -50.6758, 30.2813

Details

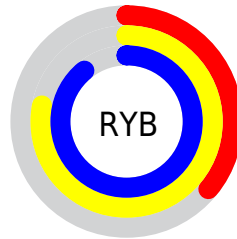
The CIELCh color **81, 68.556, 147.208** is a light color, and the websafe version is hex **33CC66**. The color can be described as light muted spring green. A complement of this color would be **59, 68.189, 337.882**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 51.749, 150.146**, and **61, 68.127, 147.158** is the 20% darker color. If you saturate the color by 10%, you get **80, 78.059, 145.631**, and if you desaturate by 10%, it is **82, 58.104, 148.604**.

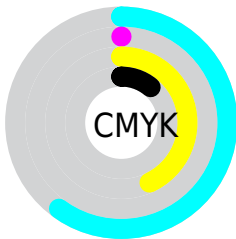
Distribution



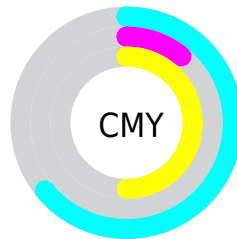
- Red (36%)
- Green (89%)
- Blue (50%)



- Red (36%)
- Yellow (78%)
- Blue (89%)



- Cyan (60%)
- Magenta (0%)
- Yellow (43%)
- Black (11%)



- Cyan (64%)
- Magenta (11%)
- Yellow (50%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 68.556, 147.208 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 81, 68.556, 147.208 by changing the saturation by 10% instead.


 81, 68.556,
147.208

 81, 68.556,
147.208


 100, 68.556,
147.208


 71, 68.556,
147.208


 61, 68.556,
147.208

 51, 68.556,
147.208

 41, 68.556,
147.208

 31, 68.556,
147.208

 21, 68.556,
147.208

 11, 68.556,

147.208

■ 1, 68.556, 147.208

■ 0, 68.556, 147.208

■ 81, 68.556,
147.208

■ 81, 68.556,
147.208

■ 80, 78.059,
145.631

■ 82, 58.104,
148.604

■ 80, 86.402,
143.887

■ 83, 46.935,
149.822

■ 79, 93.429,
142.026

■ 85, 35.290,
150.879

■ 79, 99.105,
140.176

■ 86, 23.385,
151.797


■ 79, 99.317,


■ 88, 11.406,

140.107

152.605

 90, 0.496, 332.532

 92, 12.212,
333.837

 93, 17.834,
325.043

Harmonies

Complementary

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



81, 68.556, 147.208



59, 68.189, 337.882

Rectangle

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



81, 68.556, 147.208



81, 68.556, 197.208



81, 68.556, 327.208



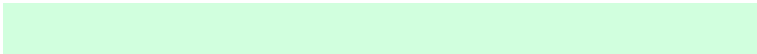
81, 68.556, 17.208

Sweetspot

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



81, 68.557, 147.208



96, 23.653, 151.922



85, 67.994, 117.167



51, 16.443, 151.671



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



81, 68.557, 147.208



89, 88.153, 145.143



82, 44.457, 174.269



46, 6.704, 152.616



63, 81.600, 140.442



16, 30.483, 144.809

Inverse Universe

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



59, 68.189, 337.882



62, 85.457, 339.239



57, 55.999, 10.102



44, 6.735, 333.834



39, 71.153, 342.907



7, 29.885, 339.938

Previews

White Background



This preview shows how the CIE LCh color 81, 68.556, 147.208 looks on a white background.

Color Contrast Check

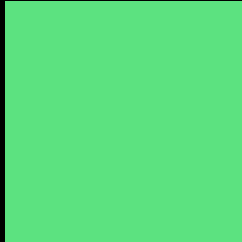
Large Text (above 18pt) WCAG AA × Fail

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 81, 68.556, 147.208 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 81, 68.556, 147.208

Background



This preview shows how black text looks on a background with the CIELCh color 81, 68.556, 147.208.

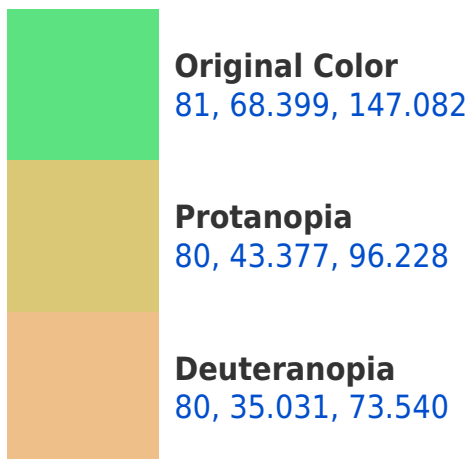


This preview shows how white text looks on a background with the CIELCh color 81, 68.556, 147.208.

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
81, 29.202, 215.795

Trichromacy



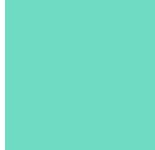
Original Color
81, 68.399, 147.082



Protanomaly
80, 47.990, 124.604



Deuteranomaly
79, 37.380, 118.647



Tritanomaly
81, 37.450, 175.896

Monochromacy



Original Color
81, 68.399, 147.082



Achromatopsia
71, 0.009, 296.813



Achromatomaly
74, 26.756, 151.010

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 68.556, 147.208 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(92, 226, 128)` looks like.

```
.text, #text, p{  
    color:rgb(92, 226, 128)  
}
```

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(92, 226, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 226, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 68.556, 147.208 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(92, 226, 128) }
```

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

```
.border{ border-color:rgb(92, 226, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 226, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 226, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 226, 128);  
box-shadow:4px 4px 4px 4px rgb(92, 226,  
128) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 68.556, 147.208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 226, 128) }
```

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

```
.background{ background-color: rgb(92, 226,  
128) }
```

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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