

Converting Colors

CIELCh(81, 69.042, 146.789)

Have a look what the booklet for
CIELCh(81, 69.042, 146.789)
contains.

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Color

CIELCh(81, 69.323, 146.723)

Conversions

Conversions Part 1

Format	Color
Hex	5CE37F
RGB	92, 227, 127
RGB Percent	36%, 89%, 50%
CMY	0.6411, 0.1115, 0.5035
CMYK	0.60, 0.00, 0.44, 0.11
HSL	136°, 70%, 62%
HSV	136°, 60%, 89%
XYZ	35.5197, 58.4711, 29.3566
YIQ	175.2350, -48.3600, -59.7200

Conversions

Conversions Part 2

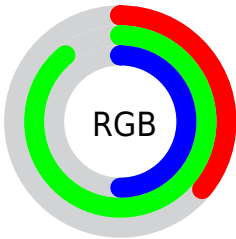
Format	Color
RYB	92, 199, 227
Decimal	6087551
CIELab	81.00, -57.96, 38.04
CIELCh	81, 69.323, 146.723
Yxy	58.4711, 0.2880, 0.4740
Android (android.graphics.Color)	4284277631 (0xFF5CE37F)
YUV	175.2350, -23.7799, -72.9971
Hunter-Lab	76.4664, -50.9004, 30.7642

Details

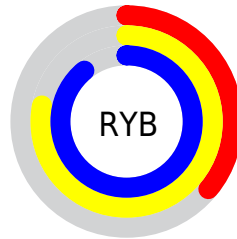
The CIELCh color **81, 69.323, 146.723** is a dark color, and the websafe version is hex **33CC66**. The color can be described as middle muted spring green. A complement of this color would be **60, 68.835, 337.242**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 52.141, 149.783**, and **61, 69.042, 146.789** is the 20% darker color. If you saturate the color by 10%, you get **80, 78.919, 145.158**, and if you desaturate by 10%, it is **82, 58.758, 148.110**.

Distribution



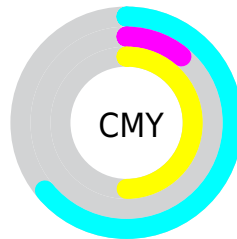
- Red (36%)
- Green (89%)
- Blue (50%)



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



- Cyan (60%)
- Magenta (0%)
- Yellow (44%)
- Black (11%)





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 81, 69.323, 146.723 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, 69.323, 146.723 by changing the saturation by 10% instead.


 81, 69.323,
146.723

 81, 69.323,
146.723


 100, 69.323,
146.723


 71, 69.323,
146.723


 61, 69.323,
146.723

 51, 69.323,
146.723

 41, 69.323,
146.723

 31, 69.323,
146.723

 21, 69.323,
146.723

 11, 69.323,

146.723

■ 1, 69.323, 146.723

■ 0, 69.323, 146.723

■ 81, 69.323,
146.723

■ 81, 69.323,
146.723

■ 80, 78.919,
145.158

■ 82, 58.758,
148.110

■ 80, 87.325,
143.435

■ 83, 47.465,
149.321

■ 79, 94.369,
141.605

■ 85, 35.690,
150.372

■ 79, 100.004,
139.803

■ 86, 23.654,
151.283


■ 79, 100.204,


■ 88, 11.547,

139.740

152.084

 90, 0.480, 331.988

 92, 12.315,
333.302

 93, 17.779,
325.041

Harmonies

Complementary

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



81, 69.323, 146.723



60, 68.835, 337.242

Rectangle

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



81, 69.323, 146.723



81, 69.323, 196.723



81, 69.323, 326.723



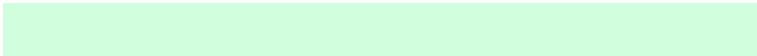
81, 69.323, 16.723

Sweetspot

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



81, 69.324, 146.723



96, 23.896, 151.408



85, 67.824, 116.432



51, 16.612, 151.160



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, 69.324, 146.723



89, 89.073, 144.679



82, 45.138, 172.931



46, 6.772, 152.096



63, 82.319, 140.066



16, 30.747, 144.456

Inverse Universe

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



60, 68.835, 337.242



62, 86.213, 338.530



57, 56.041, 8.819



44, 6.801, 333.300



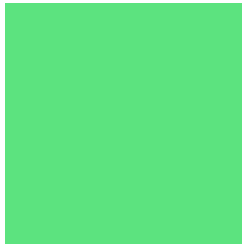
39, 71.817, 341.961



7, 30.153, 339.203

Previews

White Background



This preview shows how the CIE LCh color 81, 69.323, 146.723 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, 69.323, 146.723 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, 69.323, 146.723

Background



This preview shows how black text looks on a background with the CIELCh color 81, 69.323, 146.723.

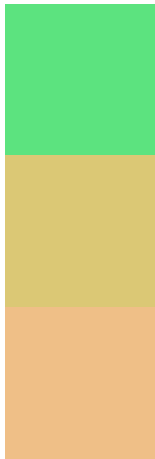


This preview shows how white text looks on a background with the CIELCh color 81, 69.323, 146.723.

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](#).

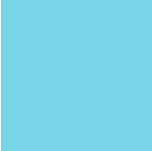
Dichromacy



Original Color
81, 69.323, 146.723

Protanopia
81, 43.949, 95.742

Deuteranopia
80, 36.182, 73.766



Tritanopia
81, 28.838, 217.212

Trichromacy



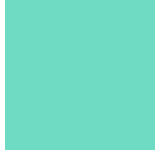
Original Color
81, 69.323, 146.723



Protanomaly
80, 48.792, 123.773



Deuteranomaly
79, 38.371, 118.277



Tritanomaly
81, 37.450, 175.896

Monochromacy



Original Color
81, 69.323, 146.723



Achromatopsia
71, 0.009, 296.813



Achromatomaly
74, 27.168, 150.264

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 69.323, 146.723 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, 227, 127)` looks like.

```
.text, #text, p{  
    color:rgb(92, 227, 127)  
}
```

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, 227, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 227, 127) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 69.323, 146.723 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, 227, 127) }
```

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

```
.border{ border-color:rgb(92, 227, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 227, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 227, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 227, 127);  
box-shadow:4px 4px 4px 4px rgb(92, 227,  
127) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 69.323, 146.723 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 227, 127) }
```

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

```
.background{ background-color: rgb(92, 227,  
127) }
```

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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