

Converting Colors

CIELCh(81, 65.365, 148.456)

Have a look what the booklet for
CIELCh(81, 65.365, 148.456)
contains.

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Color

CIELCh(81, 65.551, 148.329)

Conversions

Conversions Part 1

Format	Color
Hex	5FE286
RGB	95, 226, 134
RGB Percent	37%, 89%, 53%
CMY	0.6279, 0.1142, 0.4749
CMYK	0.58, 0.00, 0.41, 0.11
HSL	138°, 69%, 63%
HSV	138°, 58%, 89%
XYZ	36.1648, 58.4711, 31.8936
YIQ	176.3430, -48.5440, -56.3840

Conversions

Conversions Part 2

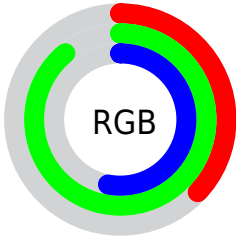
Format	Color
RYB	95, 196, 226
Decimal	6283910
CIELab	81.00, -55.79, 34.42
CIELCh	81, 65.551, 148.329
Yxy	58.4711, 0.2858, 0.4621
Android (android.graphics.Color)	4284473990 (0xFF5FE286)
YUV	176.3430, -20.8751, -71.3378
Hunter-Lab	76.4664, -49.3947, 28.7970

Details

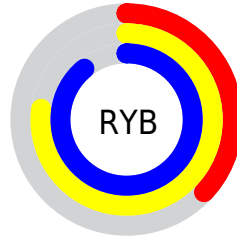
The CIELCh color **81, 65.551, 148.329** is a light color, and the websafe version is hex **33CC66**. The color can be described as light muted spring green. A complement of this color would be **60, 65.558, 338.894**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 48.995, 152.002**, and **61, 65.734, 148.278** is the 20% darker color. If you saturate the color by 10%, you get **80, 75.024, 146.760**, and if you desaturate by 10%, it is **82, 55.196, 149.710**.

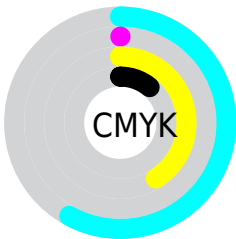
Distribution



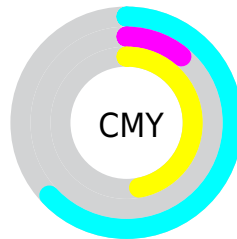
- Red (37%)
- Green (89%)
- Blue (53%)



- Red (37%)
- Yellow (77%)
- Blue (89%)



- Cyan (58%)
- Magenta (0%)
- Yellow (41%)
- Black (11%)





- Cyan (63%)
- Magenta (11%)
- Yellow (47%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 81, 65.551, 148.329 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, 65.551, 148.329 by changing the saturation by 10% instead.


 81, 65.551,
148.329


 81, 65.551,
148.329


 100, 65.551,
148.329


 71, 65.551,
148.329

 61, 65.551,
148.329

 51, 65.551,
148.329

 41, 65.551,
148.329

 31, 65.551,
148.329

 21, 65.551,
148.329

 11, 65.551,

148.329

■ 1, 65.551, 148.329

■ 0, 65.551, 148.329

■ 81, 65.551,
148.329

■ 81, 65.551,
148.329

■ 80, 75.024,
146.760

■ 82, 55.196,
149.710

■ 80, 83.414,
145.011

■ 83, 44.179,
150.914

■ 79, 90.577,
143.117

■ 85, 32.729,
151.960

■ 79, 96.461,
141.168

■ 86, 21.050,
152.871

■ 79, 97.521,

■ 88, 9.318, 153.680

140.807

■ 90, 2.326, 334.170

■ 92, 13.779,
334.909

■ 93, 18.208,
325.056

Harmonies

Complementary

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



81, 65.551, 148.329



60, 65.558, 338.894

Rectangle

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



81, 65.551, 148.329



81, 65.551, 198.329



81, 65.551, 328.329



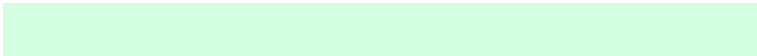
81, 65.551, 18.329

Sweetspot

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



81, 65.552, 148.329



96, 21.932, 152.946



85, 66.501, 117.946



51, 14.675, 152.773



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, 65.552, 148.329



89, 84.614, 146.344



82, 42.860, 175.856



46, 6.585, 153.567



63, 80.267, 141.154



16, 29.996, 145.485

Inverse Universe

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



60, 65.558, 338.894



62, 82.739, 340.290



58, 54.445, 10.953



44, 6.619, 334.810



39, 70.026, 344.648



7, 29.421, 341.289

Previews

White Background



This preview shows how the CIELCh color 81, 65.551, 148.329 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, 65.551, 148.329 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, 65.551, 148.329

Background



This preview shows how black text looks on a background with the CIELCh color 81, 65.551, 148.329.

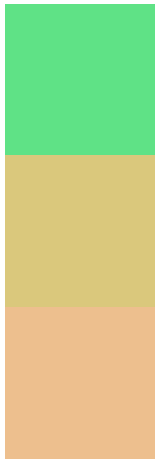


This preview shows how white text looks on a background with the CIELCh color 81, 65.551, 148.329.

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, 65.551, 148.329

Protanopia
81, 40.421, 95.833

Deuteranopia
80, 32.543, 71.981



Tritanopia
81, 28.621, 217.379

Trichromacy



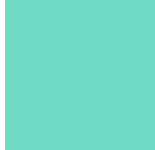
Original Color
81, 65.551, 148.329



Protanomaly
80, 44.470, 125.226



Deuteranomaly
79, 34.893, 119.645



Tritanomaly
81, 35.997, 177.800

Monochromacy



Original Color
81, 65.551, 148.329



Achromatopsia
72, 0.009, 296.813



Achromatomaly
74, 25.292, 152.869

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 65.551, 148.329 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(95, 226, 134)` looks like.

```
.text, #text, p{  
    color:rgb(95, 226, 134)  
}
```

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(95, 226, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 226, 134) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 65.551, 148.329 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(95, 226, 134) }
```

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

```
.border{ border-color:rgb(95, 226, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 226, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 226, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 226, 134);  
box-shadow:4px 4px 4px 4px rgb(95, 226,  
134) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 65.551, 148.329 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 226, 134) }
```

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

```
.background{ background-color: rgb(95, 226,  
134) }
```

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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