

Converting Colors

CIELCh(81, 55.304, 141.494)

Have a look what the booklet for
CIELCh(81, 55.304, 141.494)
contains.

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Color

CIELCh(81, 55.631, 141.458)

Conversions

Conversions Part 1

Format	Color
Hex	86DD86
RGB	134, 221, 134
RGB Percent	53%, 87%, 53%
CMY	0.4747, 0.1335, 0.4747
CMYK	0.39, 0.00, 0.39, 0.13
HSL	120°, 56%, 70%
HSV	120°, 39%, 87%
XYZ	39.9671, 58.4711, 31.7167
YIQ	185.0690, -23.9250, -45.5010

Conversions

Conversions Part 2

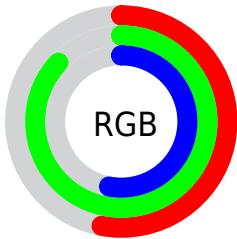
Format	Color
RYB	134, 221, 221
Decimal	8838534
CIELab	81.00, -43.51, 34.66
CIElCh	81, 55.631, 141.458
Yxy	58.4711, 0.3071, 0.4492
Android (android.graphics.Color)	4287028614 (0xFF86DD86)
YUV	185.0690, -25.1770, -44.7875
Hunter-Lab	76.4664, -40.5187, 28.9342

Details

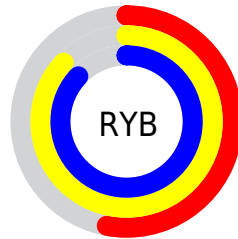
The CIELCh color **81, 55.631, 141.458** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **68, 55.527, 326.548**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 41.591, 141.923**, and **61, 55.398, 141.403** is the 20% darker color. If you saturate the color by 10%, you get **80, 68.795, 140.408**, and if you desaturate by 10%, it is **82, 41.770, 142.394**.

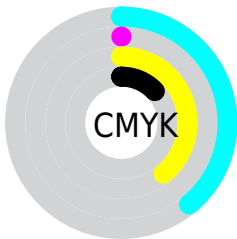
Distribution



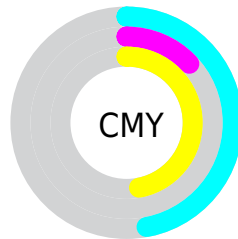
- Red (53%)
- Green (87%)
- Blue (53%)



- Red (53%)
- Yellow (87%)
- Blue (87%)



- Cyan (39%)
- Magenta (0%)
- Yellow (39%)
- Black (13%)



- Cyan (47%)
- Magenta (13%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 55.631, 141.458 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, 55.631, 141.458 by changing the saturation by 10% instead.

■ 81, 55.631,
141.458

■ 81, 55.631,
141.458

■ 100, 55.631,
141.458

■ 71, 55.631,
141.458

■ 61, 55.631,
141.458

■ 51, 55.631,
141.458

■ 41, 55.631,
141.458

■ 31, 55.631,
141.458

■ 21, 55.631,
141.458

■ 11, 55.631,

141.458

■ 1, 55.631, 141.458

■ 0, 55.631, 141.458

■ 81, 55.631,
141.458

■ 81, 55.631,
141.458

■ 80, 68.795,
140.408

■ 82, 41.770,
142.394

■ 79, 80.819,
139.279

■ 84, 27.560,
143.208

■ 78, 91.178,
138.149

■ 86, 13.274,
143.911

■ 78, 99.293,
137.147

■ 88, 0.887, 324.163

■ 77, 104.662,

■ 91, 14.783,
324.952

136.421

92, 21.309,
325.166

77, 107.352,
136.036

77, 107.490,
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.



81, 55.631, 141.458



68, 55.527, 326.548

Rectangle

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



81, 55.631, 141.458



81, 55.631, 191.458



81, 55.631, 321.458



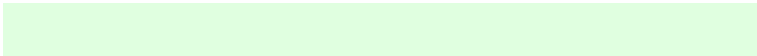
81, 55.631, 11.458

Sweetspot

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



81, 55.632, 141.458



97, 19.117, 143.729



86, 44.476, 106.387



52, 12.690, 143.638



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, 55.632, 141.458



91, 73.814, 140.626



82, 38.187, 159.762



45, 7.989, 143.907



62, 89.702, 136.016



15, 33.724, 140.235

Inverse Universe

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



68, 55.527, 326.548



73, 73.490, 326.928



66, 40.017, 347.567



43, 8.001, 324.939



41, 86.547, 328.234



7, 34.555, 328.174

Previews

White Background



This preview shows how the CIELCh color 81, 55.631, 141.458 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, 55.631, 141.458 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, 55.631, 141.458

Background



This preview shows how black text looks on a background with the CIELCh color 81, 55.631, 141.458.

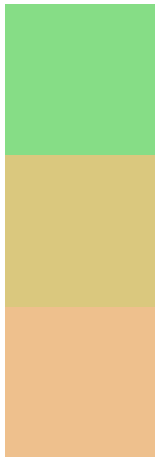


This preview shows how white text looks on a background with the CIELCh color 81, 55.631, 141.458.

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](#).

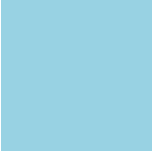
Dichromacy



Original Color
81, 55.631, 141.458

Protanopia
81, 39.429, 95.678

Deuteranopia
81, 33.395, 72.889



Tritanopia
81, 20.386, 224.748

Trichromacy



Original Color
81, 55.631, 141.458



Protanomaly
80, 41.862, 118.196



Deuteranomaly
80, 34.029, 109.140



Tritanomaly
81, 26.415, 172.444

Monochromacy



Original Color
81, 55.631, 141.458



Achromatopsia
75, 0.009, 296.813



Achromatomaly
77, 21.007, 143.452

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 55.631, 141.458 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(134, 221, 134)` looks like.

```
.text, #text, p{  
    color:rgb(134, 221, 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(134, 221, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 221, 134) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 55.631, 141.458 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(134, 221, 134) }
```

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

```
.border{ border-color:rgb(134, 221, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 221, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 221, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 221, 134);  
box-shadow:4px 4px 4px 4px rgb(134, 221,  
134) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 55.631, 141.458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 221, 134) }
```

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

```
.background{ background-color: rgb(134,  
221, 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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