

Converting Colors

CIELCh(81, 56.937, 140.492)

Have a look what the booklet for
CIELCh(81, 56.937, 140.492)
contains.

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Color

CIELCh(81, 56.893, 140.596)

Conversions

Conversions Part 1

Format	Color
Hex	86DD83
RGB	134, 221, 131
RGB Percent	53%, 87%, 51%
CMY	0.4742, 0.1330, 0.4860
CMYK	0.39, 0.00, 0.41, 0.13
HSL	118°, 57%, 69%
HSV	118°, 41%, 87%
XYZ	39.8236, 58.4711, 30.6861
YIQ	184.7270, -22.9620, -46.4340

Conversions

Conversions Part 2

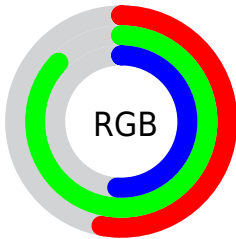
Format	Color
RYB	131, 221, 218
Decimal	8838531
CIELab	81.00, -43.96, 36.11
CIElCh	81, 56.893, 140.596
Yxy	58.4711, 0.3088, 0.4533
Android (android.graphics.Color)	4287028611 (0xFF86DD83)
YUV	184.7270, -26.4874, -44.4876
Hunter-Lab	76.4664, -40.8536, 29.7333

Details

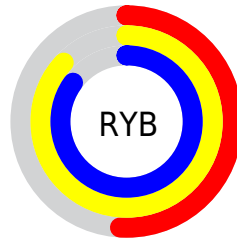
The CIELCh color **81, 56.893, 140.596** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **67, 56.915, 325.632**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 42.868, 140.800**, and **61, 56.658, 140.507** is the 20% darker color. If you saturate the color by 10%, you get **80, 69.872, 139.606**, and if you desaturate by 10%, it is **82, 43.209, 141.491**.

Distribution



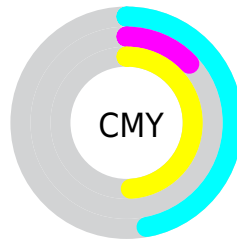
- Red (53%)
- Green (87%)
- Blue (51%)



- Red (51%)
- Yellow (87%)
- Blue (85%)



- Cyan (39%)
- Magenta (0%)
- Yellow (41%)
- Black (13%)



- Cyan (47%)
- Magenta (13%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 56.893, 140.596 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, 56.893, 140.596 by changing the saturation by 10% instead.

■ 81, 56.893,
140.596

■ 81, 56.893,
140.596

■ 100, 56.893,
140.596

■ 71, 56.893,
140.596

■ 61, 56.893,
140.596

■ 51, 56.893,
140.596

■ 41, 56.893,
140.596

■ 31, 56.893,
140.596

■ 21, 56.893,
140.596

■ 11, 56.893,

140.596

■ 1, 56.893, 140.596

■ 0, 56.893, 140.596

■ 81, 56.893,
140.596

■ 81, 56.893,
140.596

■ 80, 69.872,
139.606

■ 82, 43.209,
141.491

■ 79, 81.707,
138.563

■ 84, 29.164,
142.277

■ 78, 91.870,
137.553

■ 86, 15.023,
142.958


■ 78, 99.775,
136.705


■ 88, 0.983, 143.788

■ 77, 104.928,

■ 90, 12.817,
323.977

136.160

 92, 21.227,
325.163

 77, 107.374,
135.906

Harmonies

Complementary

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



81, 56.893, 140.596



67, 56.915, 325.632

Rectangle

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



81, 56.893, 140.596



81, 56.893, 190.596



81, 56.893, 320.596



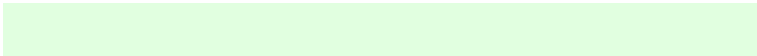
81, 56.893, 10.596

Sweetspot

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



81, 56.894, 140.596



97, 18.910, 142.869



85, 43.916, 103.978



52, 12.552, 142.783



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, 56.894, 140.596



91, 75.978, 139.741



82, 41.086, 157.109



45, 7.902, 143.040



62, 89.518, 135.867



15, 33.406, 139.604

Inverse Universe

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



67, 56.915, 325.632



72, 75.823, 326.014



66, 42.580, 344.870



43, 7.919, 324.026



40, 86.686, 326.925



7, 34.443, 327.032

Previews

White Background



This preview shows how the CIE LCh color 81, 56.893, 140.596 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, 56.893, 140.596 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, 56.893, 140.596

Background



This preview shows how black text looks on a background with the CIELCh color 81, 56.893, 140.596.

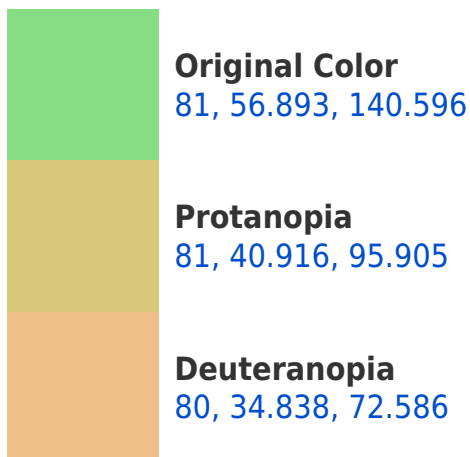


This preview shows how white text looks on a background with the CIELCh color 81, 56.893, 140.596.

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



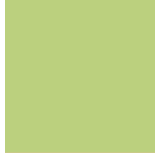


Tritanopia
81, 20.131, 225.125

Trichromacy



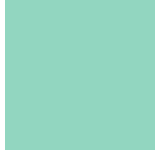
Original Color
81, 56.893, 140.596



Protanomaly
80, 43.322, 117.705



Deuteranomaly
80, 35.052, 107.653

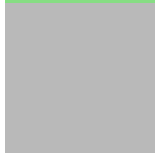


Tritanomaly
81, 26.421, 171.182

Monochromacy



Original Color
81, 56.893, 140.596



Achromatopsia
75, 0.009, 296.813



Achromatomaly
77, 21.453, 142.650

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 56.893, 140.596 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, 131)` looks like.

```
.text, #text, p{  
    color:rgb(134, 221, 131)  
}
```

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, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 221, 131) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 56.893, 140.596 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, 131) }
```

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

```
.border{ border-color:rgb(134, 221, 131) }
```

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, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 221, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 221, 131);  
box-shadow:4px 4px 4px 4px rgb(134, 221,  
131) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 56.893, 140.596 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, 131) }
```

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

```
.background{ background-color: rgb(134,  
221, 131) }
```

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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