

Converting Colors

CIELCh(81, 53.036, 141.403)

Have a look what the booklet for
CIELCh(81, 53.036, 141.403)
contains.

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Color

CIELCh(81, 53.003, 141.355)

Conversions

Conversions Part 1

Format	Color
Hex	8ADC89
RGB	138, 220, 137
RGB Percent	54%, 86%, 54%
CMY	0.4584, 0.1368, 0.4623
CMYK	0.37, 0.00, 0.38, 0.14
HSL	119°, 54%, 70%
HSV	119°, 38%, 86%
XYZ	40.6479, 58.4711, 32.8517
YIQ	186.0200, -22.2290, -43.1970

Conversions

Conversions Part 2

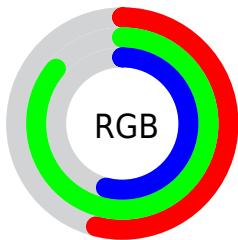
Format	Color
RYB	137, 220, 219
Decimal	9100425
CIELab	81.00, -41.40, 33.10
CIElCh	81, 53.003, 141.355
Yxy	58.4711, 0.3080, 0.4431
Android (android.graphics.Color)	4287290505 (0xFF8ADC89)
YUV	186.0200, -24.1669, -42.1135
Hunter-Lab	76.4664, -38.9295, 28.0541

Details

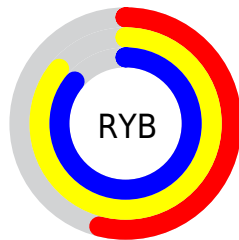
The CIELCh color **81, 53.003, 141.355** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **68, 52.969, 326.112**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 39.514, 141.595**, and **61, 52.809, 141.462** is the 20% darker color. If you saturate the color by 10%, you get **80, 66.243, 140.348**, and if you desaturate by 10%, it is **82, 39.148, 142.251**.

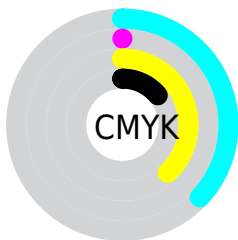
Distribution



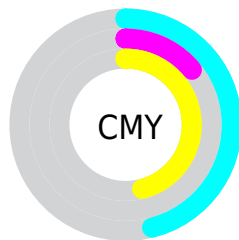
- Red (54%)
- Green (86%)
- Blue (54%)



- Red (54%)
- Yellow (86%)
- Blue (86%)



- Cyan (37%)
- Magenta (0%)
- Yellow (38%)
- Black (14%)





- Cyan (46%)
- Magenta (14%)
- Yellow (46%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 81, 53.003, 141.355 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, 53.003, 141.355 by changing the saturation by 10% instead.


 81, 53.003,
141.355


 81, 53.003,
141.355


 100, 53.003,
141.355


 71, 53.003,
141.355

 61, 53.003,
141.355

 51, 53.003,
141.355

 41, 53.003,
141.355

 31, 53.003,
141.355

 21, 53.003,
141.355

 11, 53.003,

141.355

■ 1, 53.003, 141.355

■ 0, 53.003, 141.355

■ 81, 53.003,
141.355

■ 81, 53.003,
141.355

■ 80, 66.243,
140.348

■ 82, 39.148,
142.251

■ 79, 78.447,
139.260

■ 84, 25.006,
143.029

■ 78, 89.111,
138.162

■ 86, 10.828,
143.705


■ 77, 97.659,
137.173


■ 88, 3.199, 324.155


■ 77, 103.557,

■ 91, 16.948,
324.698

136.439

 92, 21.833,
325.184

 77, 106.625,
136.050

 77, 107.126,
135.976

Harmonies

Complementary

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



81, 53.003, 141.355



68, 52.969, 326.112

Rectangle

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



81, 53.003, 141.355



81, 53.003, 191.355



81, 53.003, 321.355



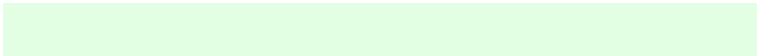
81, 53.003, 11.355

Sweetspot

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



81, 53.004, 141.355



97, 17.445, 143.486



86, 41.904, 105.813



52, 11.731, 143.395



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, 53.004, 141.355



91, 70.649, 140.593



82, 37.039, 159.114



45, 7.957, 143.594



62, 89.636, 135.962



15, 33.608, 140.007

Inverse Universe

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



68, 52.969, 326.112



74, 70.463, 326.476



67, 38.600, 346.391



43, 7.971, 324.610



41, 86.592, 327.757



7, 34.518, 327.760

Previews

White Background



This preview shows how the CIELCh color 81, 53.003, 141.355 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, 53.003, 141.355 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

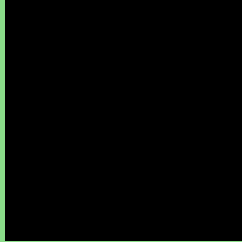
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 81, 53.003, 141.355

Background



This preview shows how black text looks on a background with the CIELCh color 81, 53.003, 141.355.

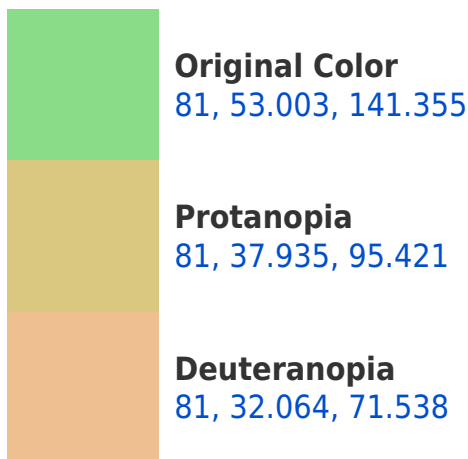


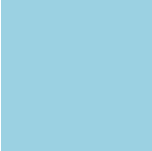
This preview shows how white text looks on a background with the CIELCh color 81, 53.003, 141.355.

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, 19.369, 226.338

Trichromacy



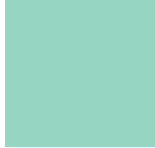
Original Color
81, 53.003, 141.355



Protanomaly
80, 39.680, 117.221



Deuteranomaly
80, 31.983, 107.270



Tritanomaly
81, 24.491, 173.216

Monochromacy



Original Color
81, 53.003, 141.355



Achromatopsia
76, 0.009, 296.813



Achromatomaly
77, 19.472, 142.675

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 53.003, 141.355 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(138, 220, 137)` looks like.

```
.text, #text, p{  
    color:rgb(138, 220, 137)  
}
```

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(138, 220, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 220, 137) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 53.003, 141.355 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(138, 220, 137) }
```

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

```
.border{ border-color:rgb(138, 220, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 220, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(138, 220, 137); -webkit-box-shadow:4px 4px 4px 4px rgb(138, 220, 137); box-shadow:4px 4px 4px 4px rgb(138, 220, 137) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 53.003, 141.355 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 220, 137) }
```

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

```
.background{ background-color: rgb(138,  
220, 137) }
```

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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