

Converting Colors

CIELCh(81, 62.963, 139.155)

Have a look what the booklet for
CIELCh(81, 62.963, 139.155)
contains.

CIELCh(81, 62.576, 139.128)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(81, 62.576, 139.128)

Conversions

Conversions Part 1

Format	Color
Hex	81DE79
RGB	129, 222, 121
RGB Percent	51%, 87%, 47%
CMY	0.4930, 0.1283, 0.5245
CMYK	0.42, 0.00, 0.45, 0.13
HSL	115°, 61%, 67%
HSV	115°, 45%, 87%
XYZ	38.7610, 58.4711, 27.4165
YIQ	182.6790, -23.0070, -51.1270

Conversions

Conversions Part 2

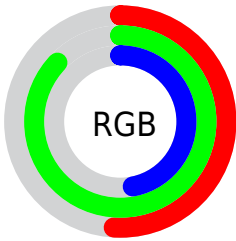
Format	Color
RYB	121, 222, 214
Decimal	8511097
CIELab	81.00, -47.32, 40.95
CIELCh	81, 62.576, 139.128
Yxy	58.4711, 0.3110, 0.4691
Android (android.graphics.Color)	4286701177 (0xFF81DE79)
YUV	182.6790, -30.4077, -47.0765
Hunter-Lab	76.4664, -43.3340, 32.2684

Details

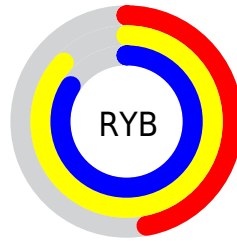
The CIELCh color **81, 62.576, 139.128** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **64, 62.815, 324.463**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 47.926, 138.811**, and **61, 62.504, 139.212** is the 20% darker color. If you saturate the color by 10%, you get **80, 75.057, 138.211**, and if you desaturate by 10%, it is **82, 49.259, 139.989**.

Distribution



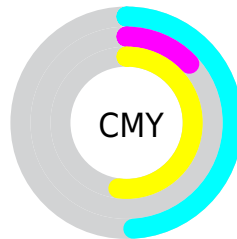
- Red (51%)
- Green (87%)
- Blue (47%)



- Red (47%)
- Yellow (87%)
- Blue (84%)



- Cyan (42%)
- Magenta (0%)
- Yellow (45%)
- Black (13%)





- Cyan (49%)
- Magenta (13%)
- Yellow (52%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 81, 62.576, 139.128 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, 62.576, 139.128 by changing the saturation by 10% instead.


 81, 62.576,
139.128


 81, 62.576,
139.128


 100, 62.576,
139.128


 71, 62.576,
139.128


 61, 62.576,
139.128

 51, 62.576,
139.128

 41, 62.576,
139.128

 31, 62.576,
139.128

 21, 62.576,
139.128

 11, 62.576,

139.128

■ 1, 62.576, 139.128

■ 0, 62.576, 139.128

■ 81, 62.576,
139.128

■ 81, 62.576,
139.128

■ 80, 75.057,
138.211

■ 82, 49.259,
139.989

■ 79, 86.231,
137.302

■ 84, 35.469,
140.762

■ 78, 95.538,
136.506

■ 86, 21.489,
141.441

■ 78, 102.396,
135.961

■ 87, 7.530, 142.045

■ 78, 106.424,

■ 90, 6.257, 322.465

135.774

92, 19.767,
322.914

78, 107.553,
135.729

92, 20.468,
325.136

Harmonies

Complementary

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



81, 62.576, 139.128



64, 62.815, 324.463

Rectangle

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



81, 62.576, 139.128



81, 62.576, 189.128



81, 62.576, 319.128



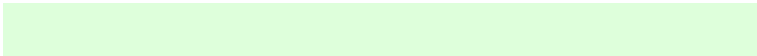
81, 62.576, 9.128

Sweetspot

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



81, 62.577, 139.129



97, 21.756, 141.526



84, 47.556, 101.826



51, 15.034, 141.388



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, 62.577, 139.129



90, 83.225, 138.214



81, 47.047, 154.955



46, 7.934, 141.808



63, 90.230, 135.656



16, 34.536, 138.047

Inverse Universe

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



64, 62.815, 324.463



68, 83.306, 324.834



64, 48.469, 343.603



44, 7.957, 322.741



39, 87.913, 325.150



7, 35.837, 325.559

Previews

White Background



This preview shows how the CIELCh color 81, 62.576, 139.128 looks on a white background.

Color Contrast Check

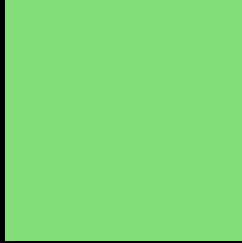
Large Text (above 18pt) WCAG AA × Fail

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, 62.576, 139.128 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, 62.576, 139.128

Background



This preview shows how black text looks on a background with the CIELCh color 81, 62.576, 139.128.



This preview shows how white text looks on a background with the CIELCh color 81, 62.576, 139.128.

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](#).

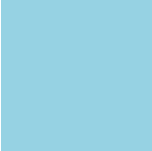
Dichromacy



Original Color
81, 62.576, 139.128

Protanopia
81, 45.977, 95.448

Deuteranopia
80, 39.387, 74.817



Tritanopia
81, 20.895, 224.026

Trichromacy



Original Color
81, 62.576, 139.128



Protanomaly
80, 48.130, 116.239



Deuteranomaly
80, 39.603, 107.759

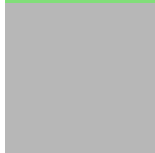


Tritanomaly
80, 28.384, 169.388

Monochromacy



Original Color
81, 62.576, 139.128



Achromatopsia
74, 0.009, 296.813



Achromatomaly
76, 23.246, 141.891

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 62.576, 139.128 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(129, 222, 121)` looks like.

```
.text, #text, p{  
    color:rgb(129, 222, 121)  
}
```

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(129, 222, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 222, 121) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 62.576, 139.128 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(129, 222, 121) }
```

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

```
.border{ border-color:rgb(129, 222, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 222, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 222, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 222, 121);  
box-shadow:4px 4px 4px 4px rgb(129, 222,  
121) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 62.576, 139.128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 222, 121) }
```

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

```
.background{ background-color: rgb(129,  
222, 121) }
```

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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