

Converting Colors

CIELCh(81, 59.092, 141.204)

Have a look what the booklet for
CIELCh(81, 59.092, 141.204)
contains.

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Color

CIELCh(81, 59.253, 141.202)

Conversions

Conversions Part 1

Format	Color
Hex	81DE81
RGB	129, 222, 129
RGB Percent	51%, 87%, 51%
CMY	0.4943, 0.1295, 0.4942
CMYK	0.42, 0.00, 0.42, 0.13
HSL	120°, 58%, 69%
HSV	120°, 42%, 87%
XYZ	39.1193, 58.4711, 29.9813
YIQ	183.5910, -25.5750, -48.6390

Conversions

Conversions Part 2

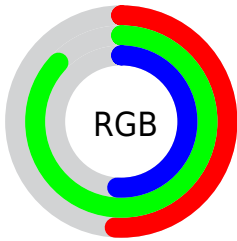
Format	Color
RYB	129, 222, 222
Decimal	8511105
CIELab	81.00, -46.18, 37.13
CIElCh	81, 59.253, 141.202
Yxy	58.4711, 0.3066, 0.4583
Android (android.graphics.Color)	4286701185 (0xFF81DE81)
YUV	183.5910, -26.9134, -47.8763
Hunter-Lab	76.4664, -42.4977, 30.2798

Details

The CIELCh color **81, 59.253, 141.202** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **67, 59.103, 326.673**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 44.510, 141.476**, and **61, 59.098, 141.138** is the 20% darker color. If you saturate the color by 10%, you get **80, 72.221, 140.127**, and if you desaturate by 10%, it is **82, 45.482, 142.169**.

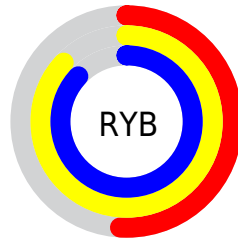
Distribution



Red (51%)

Green (87%)

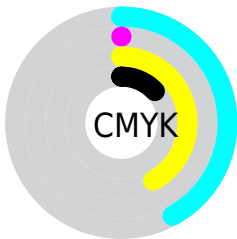
Blue (51%)



Red (51%)

Yellow (87%)

Blue (87%)

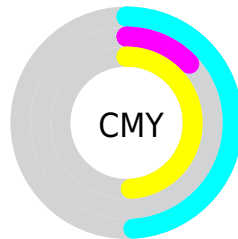


Cyan (42%)

Magenta (0%)

Yellow (42%)

Black (13%)



Cyan (49%)


Magenta (13%)


Yellow (49%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 81, 59.253, 141.202 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, 59.253, 141.202 by changing the saturation by 10% instead.


 81, 59.253,
141.202


 81, 59.253,
141.202


 100, 59.253,
141.202


 71, 59.253,
141.202

 61, 59.253,
141.202

 51, 59.253,
141.202

 41, 59.253,
141.202

 31, 59.253,
141.202

 21, 59.253,
141.202

 11, 59.253,

141.202

■ 1, 59.253, 141.202

■ 0, 59.253, 141.202

■ 81, 59.253,
141.202

■ 81, 59.253,
141.202

■ 80, 72.221,
140.127

■ 82, 45.482,
142.169

■ 79, 83.918,
138.988

■ 84, 31.279,
143.014

■ 78, 93.799,
137.877

■ 86, 16.937,
143.742

■ 78, 101.283,
136.931

■ 88, 2.676, 144.442

■ 78, 105.924,

■ 90, 11.349,
324.830

136.294

92, 20.672,
325.143

77, 107.860,
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, 59.253, 141.202



67, 59.103, 326.673

Rectangle

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



81, 59.253, 141.202



81, 59.253, 191.202



81, 59.253, 321.202



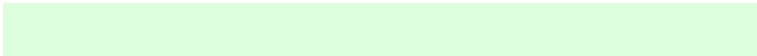
81, 59.253, 11.202

Sweetspot

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



81, 59.254, 141.202



97, 20.722, 143.660



87, 47.360, 106.153



51, 14.515, 143.504



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, 59.254, 141.202



91, 78.101, 140.295



82, 40.640, 159.444



46, 8.141, 143.906



63, 90.677, 136.016



16, 35.256, 139.481

Inverse Universe

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



67, 59.103, 326.673



72, 77.662, 327.063



65, 42.682, 347.896



44, 8.154, 324.941



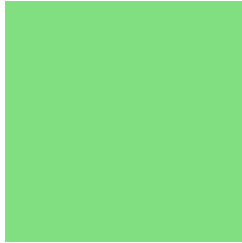
42, 87.487, 328.234



8, 35.925, 328.230

Previews

White Background



This preview shows how the CIELCh color 81, 59.253, 141.202 looks on a white background.

Color Contrast Check

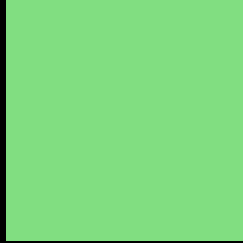
Large Text (above 18pt) WCAG AA × Fail

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, 59.253, 141.202 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, 59.253, 141.202

Background



This preview shows how black text looks on a background with the CIELCh color 81, 59.253, 141.202.



This preview shows how white text looks on a background with the CIELCh color 81, 59.253, 141.202.

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, 59.253, 141.202

Protanopia
81, 41.989, 95.478

Deuteranopia
80, 35.733, 73.384

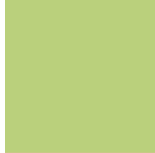


Tritanopia
81, 21.149, 223.680

Trichromacy



Original Color
81, 59.253, 141.202



Protanomaly
80, 44.377, 117.893



Deuteranomaly
80, 36.089, 108.835

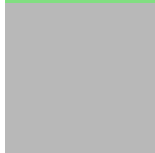


Tritanomaly
81, 27.797, 171.243

Monochromacy



Original Color
81, 59.253, 141.202



Achromatopsia
75, 0.009, 296.813



Achromatomaly
77, 22.328, 143.379

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 59.253, 141.202 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, 129)` looks like.

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

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, 129) colored shadow looks like.

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

Border

The CSS property to change the border of an element to CIELCh 81, 59.253, 141.202 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, 129) }
```

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

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

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, 129)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to CIELCh 81, 59.253, 141.202 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, 129) }
```

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

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

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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