

Converting Colors

CIELCh(81, 36.273, 141.974)

Have a look what the booklet for
CIELCh(81, 36.273, 141.974)
contains.

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Color

CIELCh(81, 36.479, 141.796)

Conversions

Conversions Part 1

Format	Color
Hex	A0D79E
RGB	160, 215, 158
RGB Percent	63%, 84%, 62%
CMY	0.3730, 0.1573, 0.3808
CMYK	0.26, 0.00, 0.27, 0.16
HSL	118°, 42%, 73%
HSV	118°, 27%, 84%
XYZ	44.9099, 58.4711, 41.2192
YIQ	192.0570, -14.4830, -29.3870

Conversions

Conversions Part 2

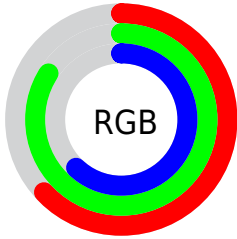
Format	Color
RYB	158, 215, 213
Decimal	10540958
CIELab	81.00, -28.67, 22.56
CIELCh	81, 36.479, 141.796
Yxy	58.4711, 0.3106, 0.4044
Android (android.graphics.Color)	4288731038 (0xFFA0D79E)
YUV	192.0570, -16.7901, -28.1140
Hunter-Lab	76.4664, -28.9803, 21.5662

Details

The CIELCh color $81, 36.479, 141.796$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $72, 36.551, 324.883$, and the grayscale version is $78, 0.009, 296.813$.

A 20% lighter version of the original color is $96, 25.688, 141.578$, and $61, 36.631, 141.643$ is the 20% darker color. If you saturate the color by 10%, you get $80, 50.033, 140.952$, and if you desaturate by 10%, it is $83, 22.696, 142.533$.

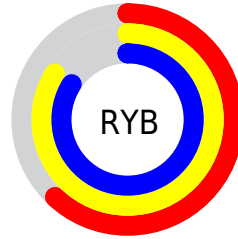
Distribution



Red (63%)

Green (84%)

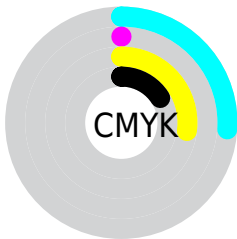
Blue (62%)



Red (62%)

Yellow (84%)

Blue (84%)

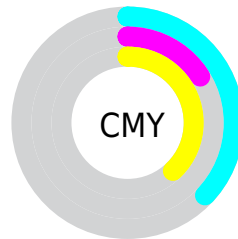


Cyan (26%)

Magenta (0%)

Yellow (27%)

Black (16%)



Cyan (37%)


Magenta (16%)


Yellow (38%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 81, 36.479, 141.796 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, 36.479, 141.796 by changing the saturation by 10% instead.


 81, 36.479,
141.796


 81, 36.479,
141.796


 100, 36.479,
141.796


 71, 36.479,
141.796


 61, 36.479,
141.796

 51, 36.479,
141.796

 41, 36.479,
141.796

 31, 36.479,
141.796

 21, 36.479,
141.796

 11, 36.479,

141.796

■ 1, 36.479, 141.796

■ 0, 36.479, 141.796

■ 81, 36.479,
141.796

■ 81, 36.479,
141.796

■ 80, 50.033,
140.952

■ 83, 22.696,
142.533

■ 78, 63.052,
140.003

■ 85, 8.907, 143.178

■ 77, 75.151,
138.981

■ 87, 4.721, 323.625

■ 76, 85.854,
137.950

■ 89, 18.073,
324.117

■ 76, 94.604,

■ 90, 25.127,
325.300

137.022

■ 75, 100.854,
136.338

■ 75, 104.311,
136.003

■ 75, 105.091,
135.896

Harmonies

Complementary

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



81, 36.479, 141.796



72, 36.551, 324.883

Rectangle

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



81, 36.479, 141.796



81, 36.479, 191.796



81, 36.479, 321.796



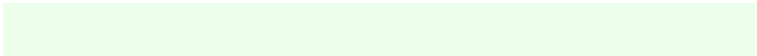
81, 36.479, 11.796

Sweetspot

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



81, 36.481, 141.796



98, 12.566, 143.081



84, 28.234, 105.419



52, 8.940, 142.986



0, 0.000, 0.000



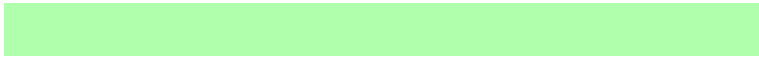
53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



81, 36.481, 141.796



93, 50.489, 141.321



81, 26.481, 158.720



44, 7.746, 142.997



61, 88.530, 135.856



14, 31.821, 140.419

Inverse Universe

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



72, 36.551, 324.883



81, 50.572, 325.176



71, 27.161, 343.330



42, 7.763, 323.979



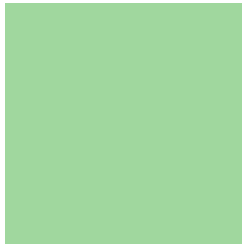
39, 85.749, 326.862



6, 32.743, 326.811

Previews

White Background



This preview shows how the CIELCh color 81, 36.479, 141.796 looks on a white background.

Color Contrast Check

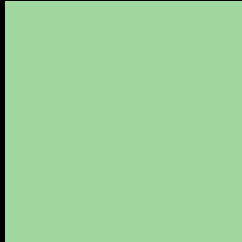
Large Text (above 18pt) WCAG AA × Fail

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, 36.479, 141.796 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, 36.479, 141.796

Background



This preview shows how black text looks on a background with the CIELCh color 81, 36.479, 141.796.

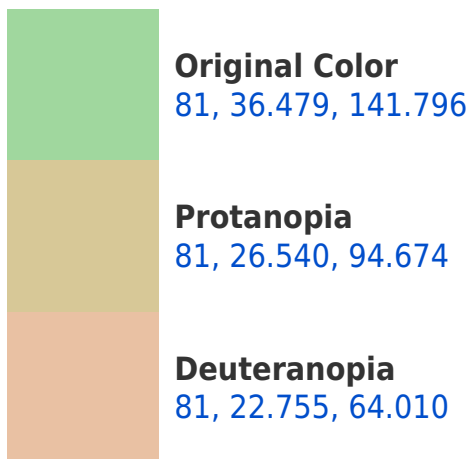


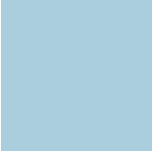
This preview shows how white text looks on a background with the CIELCh color 81, 36.479, 141.796.

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



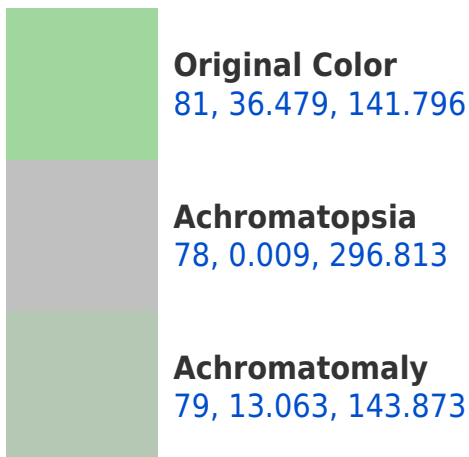


Tritanopia
81, 14.560, 237.322

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 36.479, 141.796 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(160, 215, 158)` looks like.

```
.text, #text, p{  
    color:rgb(160, 215, 158)  
}
```

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(160, 215, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 215, 158) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 36.479, 141.796 is called "border". The border property can be set on classes, ids or directly on the HTML element.

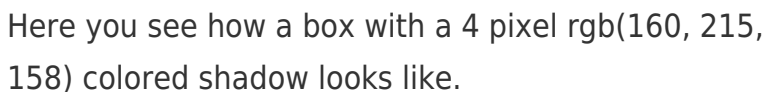
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(160, 215, 158) }
```

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

```
.border{ border-color:rgb(160, 215, 158) }
```

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



Here you see how a box with a 4 pixel `rgb(160, 215, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(160, 215, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(160, 215, 158); box-shadow:4px 4px 4px 4px rgb(160, 215, 158) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 36.479, 141.796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 215, 158) }
```

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

```
.background{ background-color: rgb(160,  
215, 158) }
```

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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