

Converting Colors

CIELCh(82, 65.231, 160.620)

Have a look what the booklet for
CIELCh(82, 65.231, 160.620)
contains.

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Color

CIELCh(82, 65.014, 160.693)

Conversions

Conversions Part 1

Format	Color
Hex	21E7A1
RGB	33, 231, 161
RGB Percent	13%, 91%, 63%
CMY	0.8704, 0.0925, 0.3671
CMYK	0.86, 0.00, 0.30, 0.09
HSL	159°, 81%, 52%
HSV	159°, 86%, 91%
XYZ	35.7893, 60.2982, 43.6496
YIQ	163.8180, -95.5380, -63.7460

Conversions

Conversions Part 2

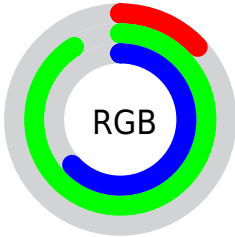
Format	Color
RYB	33, 153, 231
Decimal	2221985
CIELab	82.00, -61.36, 21.50
CIELCh	82, 65.014, 160.693
Yxy	60.2982, 0.2561, 0.4315
Android (android.graphics.Color)	4280412065 (0xFF21E7A1)
YUV	163.8180, -1.3893, -114.7274
Hunter-Lab	77.6519, -53.6214, 21.0283

Details

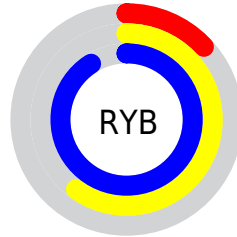
The CIELCh color **82, 65.014, 160.693** is a dark color, and the websafe version is hex **00CC99**. The color can be described as middle washed spring green. A complement of this color would be **51, 75.054, 9.797**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **92, 47.330, 171.166**, and **63, 57.945, 156.599** is the 20% darker color. If you saturate the color by 10%, you get **82, 68.991, 158.496**, and if you desaturate by 10%, it is **82, 60.170, 162.685**.

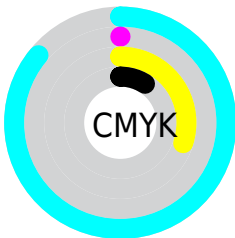
Distribution



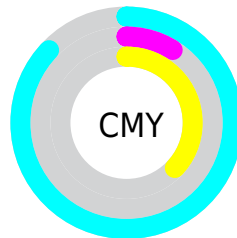
- Red (13%)
- Green (91%)
- Blue (63%)



- Red (13%)
- Yellow (60%)
- Blue (91%)



- Cyan (86%)
- Magenta (0%)
- Yellow (30%)
- Black (9%)





- Cyan (87%)
- Magenta (9%)
- Yellow (37%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 82, 65.014, 160.693 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 82, 65.014, 160.693 by changing the saturation by 10% instead.


 82, 65.014,
160.693


 82, 65.014,
160.693


 100, 65.014,
160.693


 72, 65.014,
160.693

 62, 65.014,
160.693

 52, 65.014,
160.693

 42, 65.014,
160.693

 32, 65.014,
160.693

 22, 65.014,
160.693

 12, 65.014,

160.693

■ 2, 65.014, 160.693

■ 0, 65.014, 160.693

■ 82, 65.014,
160.693

■ 82, 65.014,
160.693

■ 82, 68.991,
158.496

■ 82, 60.170,
162.685

■ 82, 70.534,
157.540

■ 83, 54.399,
164.468

■ 84, 47.730,
166.056

■ 85, 40.260,
167.473

■ 86, 32.129,

168.743

■ 87, 23.490,
169.893

■ 89, 14.501,
170.950

■ 91, 5.302, 171.970

■ 93, 3.985, 352.634

Harmonies

Complementary

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



82, 65.014, 160.693



51, 75.054, 9.797

Rectangle

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



82, 65.014, 160.693



82, 65.014, 210.693



82, 65.014, 340.693



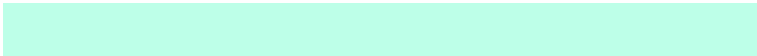
82, 65.014, 30.693

Sweetspot

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



82, 65.014, 160.693



95, 25.676, 169.847



82, 99.429, 130.825



50, 17.323, 169.457



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



82, 65.014, 160.693



89, 76.079, 157.409



76, 39.872, 218.143



47, 5.223, 171.583



64, 57.660, 157.956



18, 22.622, 162.022

Inverse Universe

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



51, 75.054, 9.797



54, 86.204, 17.398



52, 83.768, 40.030



45, 5.343, 353.221



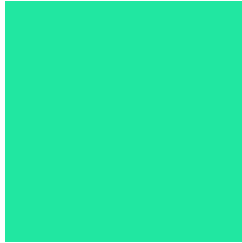
38, 65.633, 16.034



7, 26.748, 5.365

Previews

White Background



This preview shows how the CIELCh color 82, 65.014, 160.693 looks on a white background.

Color Contrast Check

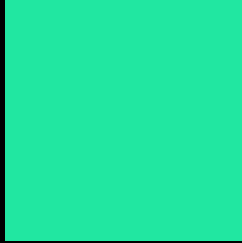
Large Text (above 18pt) WCAG AA × Fail

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 82, 65.014, 160.693 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 82, 65.014, 160.693

Background



This preview shows how black text looks on a background with the CIELCh color 82, 65.014, 160.693.

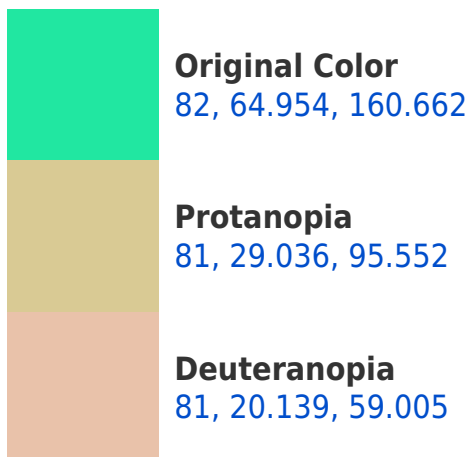


This preview shows how white text looks on a background with the CIELCh color 82, 65.014, 160.693.

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
82, 37.378, 211.182

Trichromacy



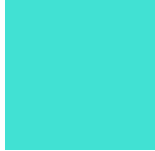
Original Color
82, 64.954, 160.662



Protanomaly
80, 39.525, 143.652



Deuteranomaly
79, 28.247, 147.105



Tritanomaly
82, 43.880, 186.599

Monochromacy



Original Color
82, 64.954, 160.662



Achromatopsia
67, 0.008, 296.813



Achromatomaly
71, 29.408, 168.246

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 65.014, 160.693 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(33, 231, 161)` looks like.

```
.text, #text, p{  
    color:rgb(33, 231, 161)  
}
```

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(33, 231, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 231, 161) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 65.014, 160.693 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(33, 231, 161) }
```

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

```
.border{ border-color:rgb(33, 231, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 231, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 231, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 231, 161);  
box-shadow:4px 4px 4px 4px rgb(33, 231,  
161) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 65.014, 160.693 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 231, 161) }
```

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

```
.background{ background-color: rgb(33, 231,  
161) }
```

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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