

Converting Colors

CIELCh(82, 67.023, 160.653)

Have a look what the booklet for
CIELCh(82, 67.023, 160.653)
contains.

CIELCh(82, 66.978, 160.683)	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(82, 66.978, 160.683)

Conversions

Conversions Part 1

Format	Color
Hex	01E8A0
RGB	1, 232, 160
RGB Percent	0%, 91%, 63%
CMY	0.9945, 0.0899, 0.3723
CMYK	0.99, 0.00, 0.31, 0.09
HSL	161°, 99%, 46%
HSV	161°, 99%, 91%
XYZ	35.2420, 60.2982, 43.0659
YIQ	154.7230, -114.5640, -71.3640

Conversions

Conversions Part 2

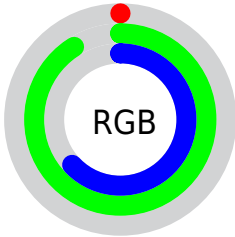
Format	Color
R_{YB}	1, 138, 232
Decimal	125088
CIE _{Lab}	82.00, -63.21, 22.16
CIE _{LCh}	82, 66.978, 160.683
Yxy	60.2982, 0.2543, 0.4350
Android (android.graphics.Color)	4278315168 (0xFF01E8A0)
YUV	154.7230, 2.6016, -134.8151
Hunter-Lab	77.6519, -54.8793, 21.4740

Details

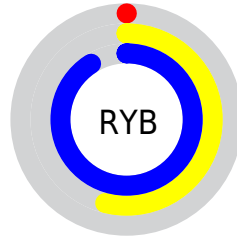
The CIELCh color **82, 66.978, 160.683** is a dark color, and the websafe version is hex **00FFCC**. The color can be described as middle washed spring green. A complement of this color would be **49, 81.327, 20.596**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **92, 48.946, 171.277**, and **63, 58.847, 155.974** is the 20% darker color. If you saturate the color by 10%, you get **82, 67.171, 160.554**, and if you desaturate by 10%, it is **82, 63.637, 162.860**.

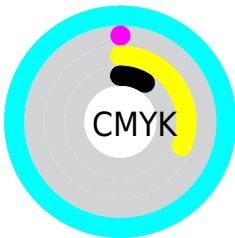
Distribution



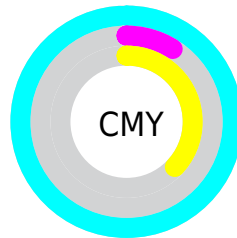
- Red (0%)
- Green (91%)
- Blue (63%)



- Red (0%)
- Yellow (54%)
- Blue (91%)



- Cyan (99%)
- Magenta (0%)
- Yellow (31%)
- Black (9%)





- Cyan (99%)
- Magenta (9%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 82, 66.978, 160.683 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, 66.978, 160.683 by changing the saturation by 10% instead.


 82, 66.978,
160.683


 82, 66.978,
160.683


 100, 66.978,
160.683


 72, 66.978,
160.683

 62, 66.978,
160.683

 52, 66.978,
160.683

 42, 66.978,
160.683

 32, 66.978,
160.683

 22, 66.978,
160.683

 12, 66.978,

160.683

■ 2, 66.978, 160.683

■ 0, 66.978, 160.683

■ 82, 66.978,
160.683

■ 82, 66.978,
160.683

■ 82, 67.171,
160.554

■ 82, 63.637,
162.860

■ 83, 59.528,
164.872

■ 83, 54.496,
166.679

■ 84, 48.536,
168.292

■ 85, 41.714,

169.735

■ 86, 34.151,
171.033

■ 87, 25.993,
172.211

■ 89, 17.395,
173.293

■ 90, 8.504, 174.315

Harmonies

Complementary

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



82, 66.978, 160.683



49, 81.327, 20.596

Rectangle

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



82, 66.978, 160.683



82, 66.978, 210.683



82, 66.978, 340.683



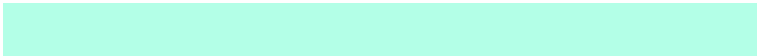
82, 66.978, 30.683

Sweetspot

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



82, 66.978, 160.683



95, 28.593, 172.125



81, 107.077, 132.983



50, 19.355, 171.636



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, 66.978, 160.683



89, 72.281, 160.430



71, 40.642, 232.295



48, 5.184, 174.308



65, 55.431, 160.938



19, 22.406, 164.658

Inverse Universe

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



49, 81.327, 20.596



54, 87.749, 21.244



51, 93.050, 42.650



46, 5.323, 355.967



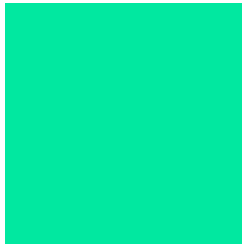
38, 67.395, 19.914



7, 27.800, 8.650

Previews

White Background



This preview shows how the CIE LCh color 82, 66.978, 160.683 looks on a white background.

Color Contrast Check

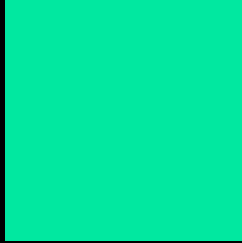
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 82, 66.978, 160.683 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

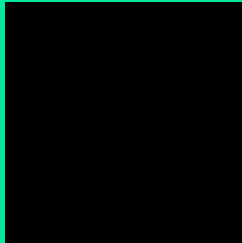
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 82, 66.978, 160.683

Background



This preview shows how black text looks on a background with the CIELCh color 82, 66.978, 160.683.

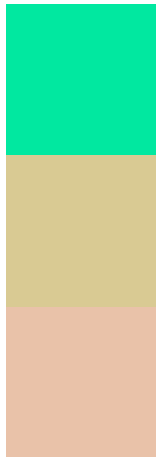


This preview shows how white text looks on a background with the CIELCh color 82, 66.978, 160.683.

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

82, 66.978, 160.683

Protanopia

81, 29.544, 95.698

Deuteranopia

81, 20.505, 60.053



Tritanopia
82, 37.954, 211.780

Trichromacy



Original Color
82, 66.978, 160.683



Protanomaly
79, 42.313, 146.982



Deuteranomaly
79, 31.236, 151.566



Tritanomaly
82, 45.828, 186.227

Monochromacy



Original Color
82, 66.978, 160.683



Achromatopsia
64, 0.008, 296.813



Achromatomaly
69, 32.263, 170.478

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 66.978, 160.683 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(1, 232, 160)` looks like.

```
.text, #text, p{  
    color:rgb(1, 232, 160)  
}
```

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(1, 232, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 232, 160) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 66.978, 160.683 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(1, 232, 160) }
```

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

```
.border{ border-color:rgb(1, 232, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 232, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 232, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 232, 160);  
box-shadow:4px 4px 4px 4px rgb(1, 232,  
160) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 66.978, 160.683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 232, 160) }
```

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

```
.background{ background-color: rgb(1, 232,  
160) }
```

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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