

Converting Colors

CIELCh(82, 33.945, 191.057)

Have a look what the booklet for
CIELCh(82, 33.945, 191.057)
contains.

CIELCh(82, 34.016, 190.754)	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, 34.016, 190.754)

Conversions

Conversions Part 1

Format	Color
Hex	6FDED7
RGB	111, 222, 215
RGB Percent	44%, 87%, 84%
CMY	0.5661, 0.1308, 0.1582
CMYK	0.50, 0.00, 0.03, 0.13
HSL	176°, 62%, 65%
HSV	176°, 50%, 87%
XYZ	44.7570, 60.2982, 73.3348
YIQ	188.0130, -63.9090, -25.7090

Conversions

Conversions Part 2

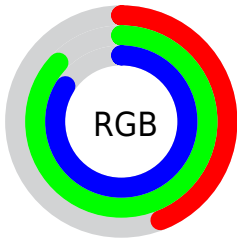
Format	Color
RYB	111, 168, 222
Decimal	7331543
CIELab	82.00, -33.42, -6.35
CIElCh	82, 34.016, 190.754
Yxy	60.2982, 0.2509, 0.3380
Android (android.graphics.Color)	4285521623 (0xFF6FDED7)
YUV	188.0130, 13.3046, -67.5404
Hunter-Lab	77.6519, -33.0070, -1.6374

Details

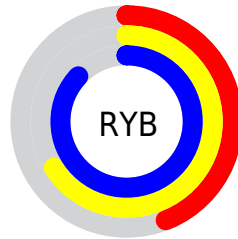
The CIELCh color **82, 34.016, 190.754** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **60, 46.911, 20.613**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 26.754, 197.768**, and **62, 33.977, 190.787** is the 20% darker color. If you saturate the color by 10%, you get **81, 38.626, 190.069**, and if you desaturate by 10%, it is **83, 28.520, 191.432**.

Distribution



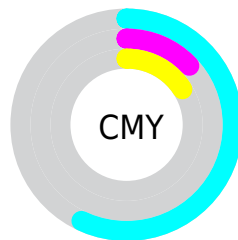
- Red (44%)
- Green (87%)
- Blue (84%)



- Red (44%)
- Yellow (66%)
- Blue (87%)



- Cyan (50%)
- Magenta (0%)
- Yellow (3%)
- Black (13%)





- Cyan (57%)
- Magenta (13%)
- Yellow (16%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 82, 34.016, 190.754 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, 34.016, 190.754 by changing the saturation by 10% instead.


 82, 34.016,
190.754


 82, 34.016,
190.754


 100, 34.016,
190.754


 72, 34.016,
190.754

 62, 34.016,
190.754

 52, 34.016,
190.754

 42, 34.016,
190.754

 32, 34.016,
190.754

 22, 34.016,
190.754

 12, 34.016,

190.754

■ 2, 34.016, 190.754

■ 0, 34.016, 190.754

■ 82, 34.016,
190.754

■ 82, 34.016,
190.754

■ 81, 38.626,
190.069

■ 83, 28.520,
191.432

■ 81, 42.276,
189.373

■ 84, 22.248,
192.117

■ 80, 44.942,
188.650

■ 85, 15.327,
192.815

■ 80, 46.665,
187.886

■ 87, 7.891, 193.544

■ 80, 47.637,

■ 88, 0.067, 202.926

187.083

■ 90, 8.033, 14.800

■ 91, 12.287, 13.561

■ 91, 12.365, 10.245

■ 91, 12.485, 6.983

Harmonies

Complementary

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



82, 34.016, 190.754



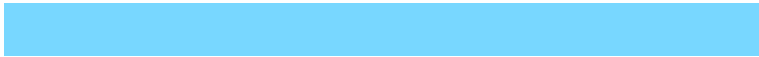
60, 46.911, 20.613

Rectangle

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



82, 34.016, 190.754



82, 34.016, 240.754



82, 34.016, 10.754



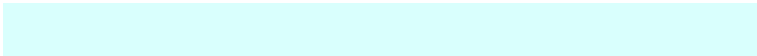
82, 34.016, 60.754

Sweetspot

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



82, 34.016, 190.752



97, 12.995, 193.170



80, 68.584, 138.980



52, 8.817, 193.017



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, 34.016, 190.752



92, 43.117, 190.043



69, 31.288, 256.979



45, 4.410, 193.595



64, 39.619, 187.227



16, 15.745, 188.732

Inverse Universe

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



60, 46.911, 20.613



63, 64.112, 23.244



70, 38.687, 62.413



43, 4.648, 14.834



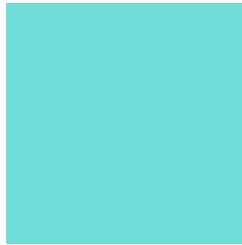
36, 75.636, 37.356



5, 23.756, 17.551

Previews

White Background



This preview shows how the CIELCh color 82, 34.016, 190.754 looks on a white background.

Color Contrast Check

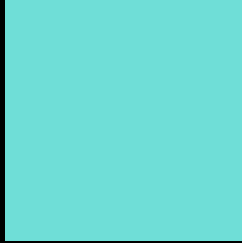
Large Text (above 18pt) WCAG AA × Fail

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, 34.016, 190.754 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

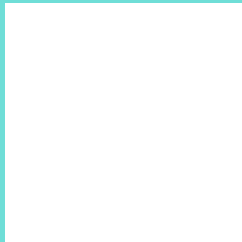
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 82, 34.016, 190.754

Background



This preview shows how black text looks on a background with the CIELCh color 82, 34.016, 190.754.

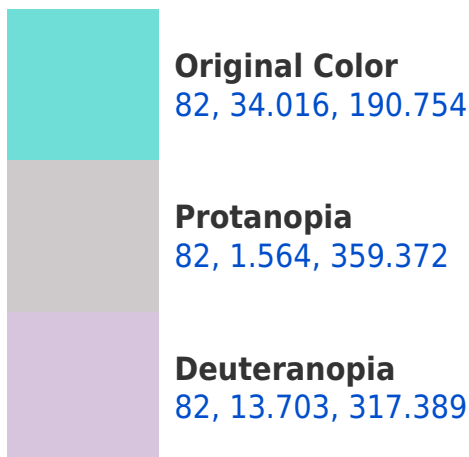


This preview shows how white text looks on a background with the CIELCh color 82, 34.016, 190.754.

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, 30.357, 216.059

Trichromacy



Original Color
82, 34.016, 190.754



Protanomaly
81, 13.264, 193.857



Deuteranomaly
81, 11.899, 231.353

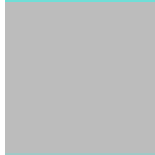


Tritanomaly
82, 31.003, 206.312

Monochromacy



Original Color
82, 34.016, 190.754



Achromatopsia
76, 0.009, 296.813



Achromatomaly
78, 13.999, 193.969

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 34.016, 190.754 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(111, 222, 215)` looks like.

```
.text, #text, p{  
    color:rgb(111, 222, 215)  
}
```

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(111, 222, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 222, 215) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 34.016, 190.754 is called "border". The border property can be set on classes, ids or directly on the HTML element.

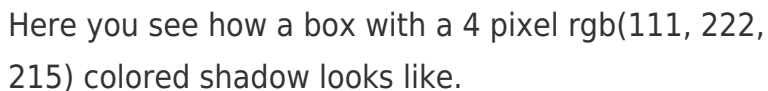
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(111, 222, 215) }
```

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

```
.border{ border-color:rgb(111, 222, 215) }
```

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



Here you see how a box with a 4 pixel rgb(111, 222, 215) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(111, 222, 215); -webkit-box-shadow:4px 4px 4px 4px rgb(111, 222, 215); box-shadow:4px 4px 4px 4px rgb(111, 222, 215) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 34.016, 190.754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 222, 215) }
```

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

```
.background{ background-color: rgb(111,  
222, 215) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor