

Converting Colors

CIELCh(86, 60.113, 162.431)

Have a look what the booklet for
CIELCh(86, 60.113, 162.431)
contains.

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Color

CIELCh(86, 60.113, 162.431)

Conversions

Conversions Part 1

Format	Color
Hex	49F2B3
RGB	73, 242, 179
RGB Percent	29%, 95%, 70%
CMY	0.7152, 0.0520, 0.2990
CMYK	0.70, 0.00, 0.26, 0.05
HSL	158°, 86%, 62%
HSV	158°, 70%, 95%
XYZ	42.5010, 67.9871, 53.3953
YIQ	184.2870, -80.5010, -55.4210

Conversions

Conversions Part 2

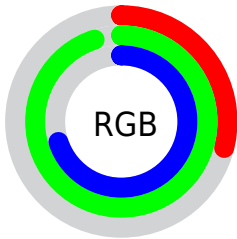
Format	Color
RYB	73, 177, 242
Decimal	4846259
CIELab	86.00, -57.31, 18.15
CIELCh	86, 60.113, 162.431
Yxy	67.9871, 0.2593, 0.4149
Android (android.graphics.Color)	4283036339 (0xFF49F2B3)
YUV	184.2870, -2.6065, -97.5987
Hunter-Lab	82.4543, -52.2874, 19.3233

Details

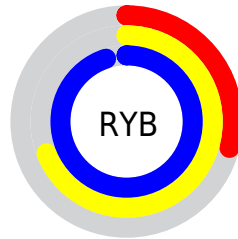
The CIELCh color **86, 60.113, 162.431** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed spring green. A complement of this color would be **57, 68.496, 2.367**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 37.211, 180.881**, and **67, 56.838, 160.384** is the 20% darker color. If you saturate the color by 10%, you get **85, 65.868, 160.533**, and if you desaturate by 10%, it is **87, 53.406, 164.121**.

Distribution



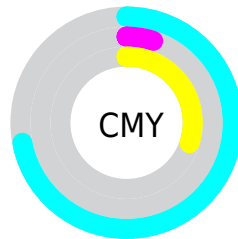
- Red (29%)
- Green (95%)
- Blue (70%)



- Red (29%)
- Yellow (69%)
- Blue (95%)



- Cyan (70%)
- Magenta (0%)
- Yellow (26%)
- Black (5%)





- Cyan (72%)
- Magenta (5%)
- Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 60.113, 162.431 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 86, 60.113, 162.431 by changing the saturation by 10% instead.


 86, 60.113,
162.431


 86, 60.113,
162.431


 100, 60.113,
162.431


 76, 60.113,
162.431

 66, 60.113,
162.431

 56, 60.113,
162.431


 46, 60.113,
162.431


 36, 60.113,
162.431


 26, 60.113,
162.431


 16, 60.113,


162.431


 6, 60.113, 162.431

 0, 60.113, 162.431

 86, 60.113,
162.431


 86, 60.113,
162.431

 85, 65.868,
160.533


 87, 53.406,
164.121


 85, 70.673,
158.422


 88, 45.824,
165.624

 85, 74.701,
156.155

 89, 37.497,
166.964

 85, 74.720,
156.144

 90, 28.586,
168.169

 92, 19.257,

169.264

 93, 9.665, 170.282

 95, 0.055, 341.548

 97, 6.609, 335.332

 97, 8.270, 324.692

Harmonies

Complementary

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



86, 60.113, 162.431



57, 68.496, 2.367

Rectangle

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



86, 60.113, 162.431



86, 60.113, 212.431



86, 60.113, 342.431



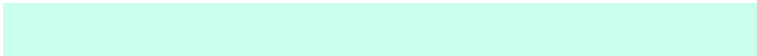
86, 60.113, 32.431

Sweetspot

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



86, 60.114, 162.430



96, 21.145, 169.148



87, 89.531, 130.054



51, 14.273, 168.851



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



86, 60.114, 162.430



89, 70.852, 159.653



82, 38.812, 212.840



49, 5.482, 170.331



66, 60.326, 156.575



20, 24.723, 160.259

Inverse Universe

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



57, 68.496, 2.367



56, 80.096, 7.541



59, 69.836, 36.290



47, 5.599, 351.966



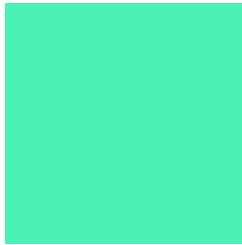
39, 66.664, 14.302



8, 28.781, 5.498

Previews

White Background



This preview shows how the CIELCh color 86, 60.113, 162.431 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 86, 60.113, 162.431 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 86, 60.113, 162.431

Background



This preview shows how black text looks on a background with the CIELCh color 86, 60.113, 162.431.

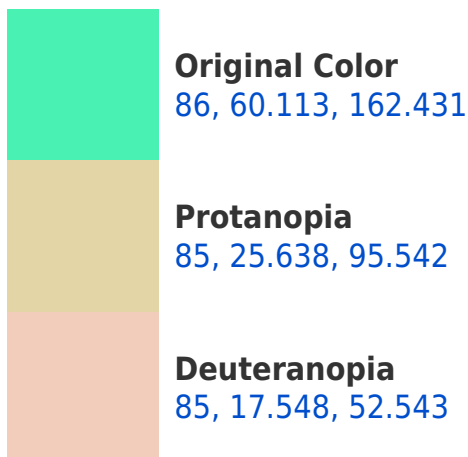


This preview shows how white text looks on a background with the CIELCh color 86, 60.113, 162.431.

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
86, 35.975, 213.543

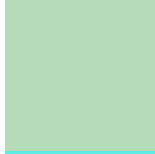
Trichromacy



Original Color
86, 60.113, 162.431



Protanomaly
84, 33.870, 142.405



Deuteranomaly
84, 22.568, 145.622

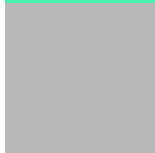


Tritanomaly
86, 41.163, 188.573

Monochromacy



Original Color
86, 60.113, 162.431



Achromatopsia
75, 0.009, 296.813



Achromatomaly
78, 24.945, 167.937

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 60.113, 162.431 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(73, 242, 179)` looks like.

```
.text, #text, p{  
    color:rgb(73, 242, 179)  
}
```

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(73, 242, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 242, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 60.113, 162.431 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(73, 242, 179) }
```

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

```
.border{ border-color:rgb(73, 242, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 242, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 242, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 242, 179);  
box-shadow:4px 4px 4px 4px rgb(73, 242,  
179) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 60.113, 162.431 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 242, 179) }
```

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

```
.background{ background-color: rgb(73, 242,  
179) }
```

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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