

Converting Colors

CIELCh(86, 61.078, 165.529)

Have a look what the booklet for
CIELCh(86, 61.078, 165.529)
contains.

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Color

CIELCh(86, 61.313, 165.309)

Conversions

Conversions Part 1

Format	Color
Hex	31F3B8
RGB	49, 243, 184
RGB Percent	19%, 95%, 72%
CMY	0.8066, 0.0485, 0.2798
CMYK	0.80, 0.00, 0.24, 0.05
HSL	162°, 89%, 57%
HSV	162°, 80%, 95%
XYZ	41.8376, 67.9871, 56.0756
YIQ	178.2680, -96.6850, -59.4770

Conversions

Conversions Part 2

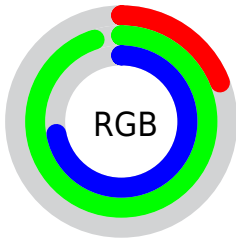
Format	Color
RYB	49, 163, 243
Decimal	3273656
CIELab	86.00, -59.31, 15.55
CIELCh	86, 61.313, 165.309
Yxy	67.9871, 0.2522, 0.4098
Android (android.graphics.Color)	4281463736 (0xFF31F3B8)
YUV	178.2680, 2.8259, -113.3680
Hunter-Lab	82.4543, -53.7234, 17.3960

Details

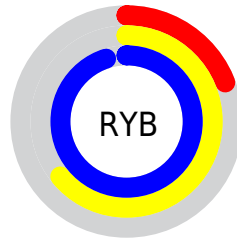
The CIELCh color **86, 61.313, 165.309** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed spring green. A complement of this color would be **54, 75.033, 11.378**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 39.300, 185.504**, and **67, 55.436, 162.188** is the 20% darker color. If you saturate the color by 10%, you get **86, 65.455, 163.295**, and if you desaturate by 10%, it is **87, 56.214, 167.117**.

Distribution



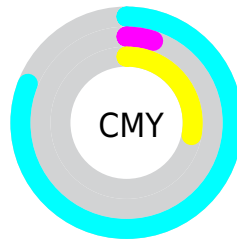
- Red (19%)
- Green (95%)
- Blue (72%)



- Red (19%)
- Yellow (64%)
- Blue (95%)



- Cyan (80%)
- Magenta (0%)
- Yellow (24%)
- Black (5%)





- Cyan (81%)
- Magenta (5%)
- Yellow (28%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 61.313, 165.309 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, 61.313, 165.309 by changing the saturation by 10% instead.


 86, 61.313,
165.309


 86, 61.313,
165.309


 100, 61.313,
165.309


 76, 61.313,
165.309

 66, 61.313,
165.309

 56, 61.313,
165.309

 46, 61.313,
165.309

 36, 61.313,
165.309

 26, 61.313,
165.309

 16, 61.313,

165.309

■ 6, 61.313, 165.309

■ 0, 61.313, 165.309

■ 86, 61.313,
165.309

■ 86, 61.313,
165.309

■ 86, 65.455,
163.295

■ 87, 56.214,
167.117

■ 85, 68.809,
161.117

■ 87, 50.146,
168.733


■ 85, 68.916,
161.046

■ 88, 43.176,
170.178


■ 89, 35.425,
171.478

■ 91, 27.044,

172.659

 92, 18.195,
173.745

 94, 9.029, 174.770

 96, 0.317, 353.897

 97, 5.883, 338.067

Harmonies

Complementary

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



86, 61.313, 165.309



54, 75.033, 11.378

Rectangle

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



86, 61.313, 165.309



86, 61.313, 215.309



86, 61.313, 345.309



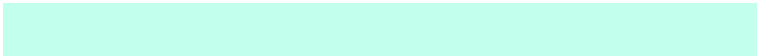
86, 61.313, 35.309

Sweetspot

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



86, 61.313, 165.308



96, 22.980, 173.278



86, 100.306, 131.880



50, 15.701, 172.887



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, 61.313, 165.308



89, 70.308, 161.862



77, 39.874, 226.047



50, 5.346, 174.788



67, 56.131, 161.441



21, 23.712, 164.765

Inverse Universe

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



54, 75.033, 11.378



54, 86.365, 19.650



58, 78.570, 41.489



48, 5.493, 356.457



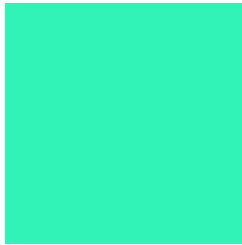
39, 69.065, 20.683



9, 29.668, 10.889

Previews

White Background



This preview shows how the CIE LCh color 86, 61.313, 165.309 looks on a white background.

Color Contrast Check

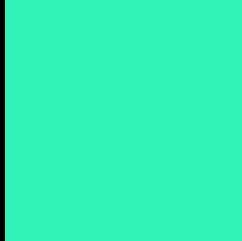
Large Text (above 18pt) WCAG AA × Fail

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, 61.313, 165.309 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, 61.313, 165.309

Background



This preview shows how black text looks on a background with the CIELCh color 86, 61.313, 165.309.

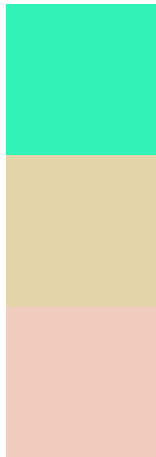


This preview shows how white text looks on a background with the CIELCh color 86, 61.313, 165.309.

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](#).

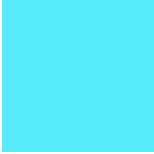
Dichromacy



Original Color
86, 61.398, 165.349

Protanopia
85, 23.614, 94.715

Deuteranopia
85, 15.430, 46.308



Tritanopia
86, 38.736, 211.360

Trichromacy



Original Color
86, 61.398, 165.349



Protanomaly
84, 34.747, 148.240



Deuteranomaly
83, 23.580, 155.719

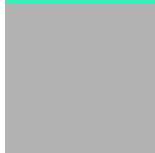


Tritanomaly
86, 43.929, 189.620

Monochromacy



Original Color
86, 61.398, 165.349



Achromatopsia
73, 0.009, 296.813



Achromatomaly
76, 27.439, 171.740

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 61.313, 165.309 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(49, 243, 184)` looks like.

```
.text, #text, p{  
    color:rgb(49, 243, 184)  
}
```

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(49, 243, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 243, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 61.313, 165.309 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(49, 243, 184) }
```

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

```
.border{ border-color:rgb(49, 243, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 243, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 243, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 243, 184);  
box-shadow:4px 4px 4px 4px rgb(49, 243,  
184) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 61.313, 165.309 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 243, 184) }
```

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

```
.background{ background-color: rgb(49, 243,  
184) }
```

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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