

Converting Colors

CIELCh(89, 70.321, 161.234)

Have a look what the booklet for
CIELCh(89, 70.321, 161.234)
contains.

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Color

CIELCh(89, 70.360, 161.213)

Conversions

Conversions Part 1

Format	Color
Hex	15FEB2
RGB	21, 254, 178
RGB Percent	8%, 100%, 70%
CMY	0.9196, 0.0044, 0.3024
CMYK	0.92, 0.00, 0.30, 0.00
HSL	160°, 99%, 54%
HSV	160°, 92%, 100%
XYZ	43.7225, 74.1641, 54.0667
YIQ	175.6690, -114.4720, -73.0320

Conversions

Conversions Part 2

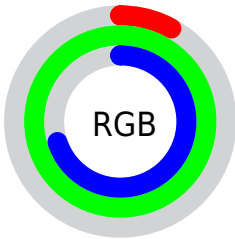
Format	Color
RYB	21, 160, 254
Decimal	1441458
CIELab	89.00, -66.61, 22.66
CIELCh	89, 70.360, 161.213
Yxy	74.1641, 0.2543, 0.4313
Android (android.graphics.Color)	4279631538 (0xFF15FEB2)
YUV	175.6690, 1.1492, -135.6447
Hunter-Lab	86.1186, -60.0829, 23.0598

Details

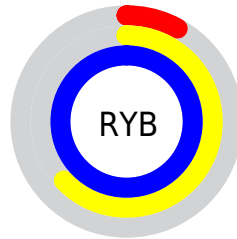
The CIELCh color **89, 70.360, 161.213** is a light color, and the websafe version is hex **33FF99**. The color can be described as light washed spring green. A complement of this color would be **54, 83.803, 15.522**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 42.206, 181.771**, and **70, 62.686, 157.156** is the 20% darker color. If you saturate the color by 10%, you get **89, 73.269, 159.407**, and if you desaturate by 10%, it is **89, 66.071, 163.317**.

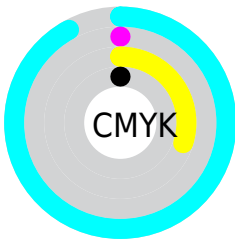
Distribution



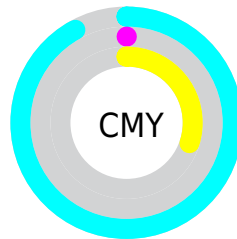
- Red (8%)
- Green (100%)
- Blue (70%)



- Red (8%)
- Yellow (63%)
- Blue (100%)



- Cyan (92%)
- Magenta (0%)
- Yellow (30%)
- Black (0%)





- Cyan (92%)
- Magenta (0%)
- Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 89, 70.360, 161.213 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 89, 70.360, 161.213 by changing the saturation by 10% instead.


 89, 70.360,
161.213


 89, 70.360,
161.213


 100, 70.360,
161.213


 79, 70.360,
161.213

 69, 70.360,
161.213

 59, 70.360,
161.213

 49, 70.360,
161.213

 39, 70.360,
161.213

 29, 70.360,
161.213

 19, 70.360,

161.213

■ 9, 70.360, 161.213

■ 0, 70.360, 161.213

■ 89, 70.360,
161.213

■ 89, 70.360,
161.213

■ 89, 73.269,
159.407

■ 89, 66.071,
163.317

■ 90, 60.807,
165.213

■ 91, 54.534,
166.905

■ 92, 47.309,
168.415

■ 93, 39.251,

169.767

■ 94, 30.515,
170.988

■ 96, 21.270,
172.102

■ 97, 11.680,
173.140

■ 99, 1.890, 174.330

Harmonies

Complementary

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



89, 70.360, 161.213



54, 83.803, 15.522

Rectangle

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



89, 70.360, 161.213



89, 70.360, 211.213



89, 70.360, 341.213



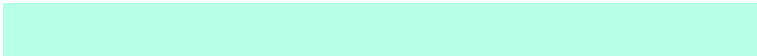
89, 70.360, 31.213

Sweetspot

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



89, 70.360, 161.213



95, 27.034, 171.436



89, 111.364, 132.061



50, 18.530, 170.941



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



89, 70.360, 161.213



89, 73.523, 159.402



80, 42.943, 226.371



52, 5.597, 173.386



69, 58.804, 159.822



23, 25.753, 162.892

Inverse Universe

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



54, 83.803, 15.522



54, 87.191, 19.996



56, 94.951, 41.972



50, 5.741, 355.059



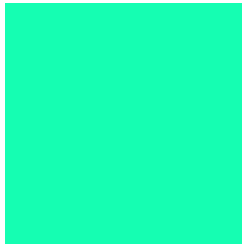
40, 69.873, 18.913



10, 31.369, 10.891

Previews

White Background



This preview shows how the CIE LCh color 89, 70.360, 161.213 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 89, 70.360, 161.213 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

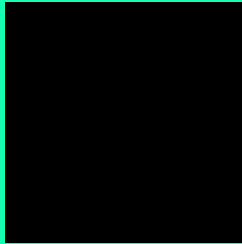
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 89, 70.360, 161.213

Background



This preview shows how black text looks on a background with the CIELCh color 89, 70.360, 161.213.

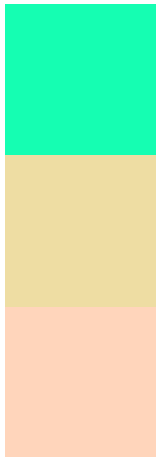


This preview shows how white text looks on a background with the CIELCh color 89, 70.360, 161.213.

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](#).

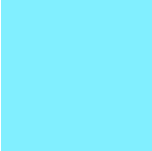
Dichromacy



Original Color
89, 70.360, 161.213

Protanopia
88, 30.748, 94.951

Deuteranopia
88, 21.354, 59.184



Tritanopia
89, 32.545, 212.487

Trichromacy



Original Color
89, 70.360, 161.213



Protanomaly
86, 43.314, 145.568



Deuteranomaly
86, 31.280, 150.098



Tritanomaly
88, 44.390, 184.937

Monochromacy



Original Color
89, 70.360, 161.213



Achromatopsia
71, 0.009, 296.813



Achromatomaly
76, 32.824, 169.611

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 70.360, 161.213 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(21, 254, 178)` looks like.

```
.text, #text, p{  
    color:rgb(21, 254, 178)  
}
```

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(21, 254, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 254, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 70.360, 161.213 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(21, 254, 178) }
```

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

```
.border{ border-color:rgb(21, 254, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(21, 254, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 254, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 254, 178);  
box-shadow:4px 4px 4px 4px rgb(21, 254,  
178) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 70.360, 161.213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 254, 178) }
```

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

```
.background{ background-color: rgb(21, 254,  
178) }
```

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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