

Converting Colors

CIELCh(89, 73.461, 159.022)

Have a look what the booklet for
CIELCh(89, 73.461, 159.022)
contains.

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Color

CIELCh(89, 73.150, 159.198)

Conversions

Conversions Part 1

Format	Color
Hex	0EFEAB
RGB	14, 254, 171
RGB Percent	5%, 100%, 67%
CMY	0.9446, 0.0025, 0.3281
CMYK	0.94, 0.00, 0.33, 0.00
HSL	159°, 99%, 53%
HSV	159°, 94%, 100%
XYZ	43.1237, 74.1641, 50.7383
YIQ	172.7780, -116.3970, -76.6930

Conversions

Conversions Part 2

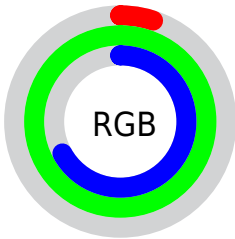
Format	Color
RYB	14, 159, 254
Decimal	982699
CIELab	89.00, -68.38, 25.98
CIElCh	89, 73.150, 159.198
Yxy	74.1641, 0.2566, 0.4414
Android (android.graphics.Color)	4279172779 (0xFF0EFEAB)
YUV	172.7780, -0.8766, -139.2483
Hunter-Lab	86.1186, -61.3240, 25.3513

Details

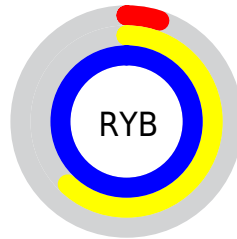
The CIELCh color **89, 73.150, 159.198** is a dark color, and the websafe version is hex **33FF99**. The color can be described as middle saturated spring green. A complement of this color would be **54, 84.403, 15.050**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 44.285, 177.459**, and **70, 65.407, 154.802** is the 20% darker color. If you saturate the color by 10%, you get **89, 75.237, 157.940**, and if you desaturate by 10%, it is **89, 68.867, 161.381**.

Distribution



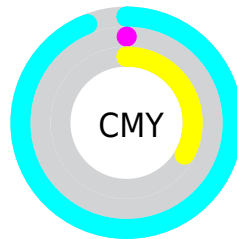
- Red (5%)
- Green (100%)
- Blue (67%)



- Red (5%)
- Yellow (62%)
- Blue (100%)



- Cyan (94%)
- Magenta (0%)
- Yellow (33%)
- Black (0%)





- Cyan (94%)
- Magenta (0%)
- Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 89, 73.150, 159.198 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, 73.150, 159.198 by changing the saturation by 10% instead.


 89, 73.150,
159.198


 89, 73.150,
159.198


 100, 73.150,
159.198


 79, 73.150,
159.198

 69, 73.150,
159.198

 59, 73.150,
159.198

 49, 73.150,
159.198

 39, 73.150,
159.198


 29, 73.150,
159.198


 19, 73.150,


159.198


 9, 73.150, 159.198


 0, 73.150, 159.198


 89, 73.150,
159.198


 89, 73.150,
159.198

 89, 75.237,
157.940

 89, 68.867,
161.381

 90, 63.632,
163.357

 90, 57.389,
165.123

 91, 50.178,
166.696

 92, 42.108,

168.099

■ 94, 33.331,
169.359

■ 95, 24.017,
170.503

■ 97, 14.334,
171.556

■ 99, 4.435, 172.599

Harmonies

Complementary

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



89, 73.150, 159.198



54, 84.403, 15.050

Rectangle

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



89, 73.150, 159.198



89, 73.150, 209.198



89, 73.150, 339.198



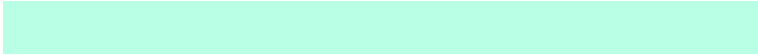
89, 73.150, 29.198

Sweetspot

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



89, 73.150, 159.198



95, 27.428, 170.109



89, 112.148, 131.901



50, 18.809, 169.612



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

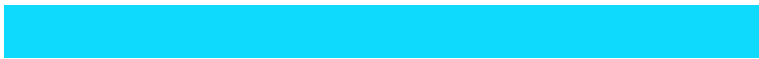
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89, 73.150, 159.198



89, 75.382, 157.937



81, 43.268, 223.674



52, 5.668, 172.058



69, 60.272, 158.362



23, 26.332, 161.478

Inverse Universe

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



54, 84.403, 15.050



54, 86.451, 18.109



56, 97.769, 41.572



50, 5.803, 353.723



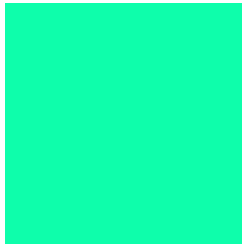
40, 69.337, 17.039



10, 31.318, 9.347

Previews

White Background



This preview shows how the CIELCh color 89, 73.150, 159.198 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, 73.150, 159.198 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

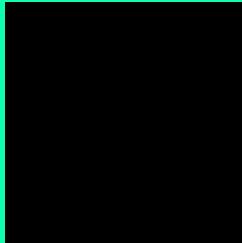
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 89, 73.150, 159.198

Background



This preview shows how black text looks on a background with the CIELCh color 89, 73.150, 159.198.

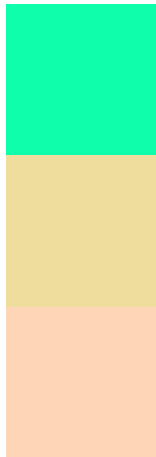


This preview shows how white text looks on a background with the CIELCh color 89, 73.150, 159.198.

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

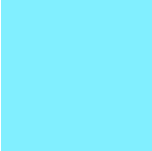
89, 73.101, 159.174

Protanopia

88, 33.830, 95.076

Deuteranopia

88, 22.834, 62.872



Tritanopia
89, 32.545, 212.487

Trichromacy



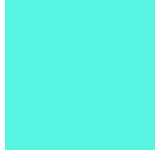
Original Color
89, 73.101, 159.174



Protanomaly
86, 46.243, 143.864



Deuteranomaly
85, 33.999, 148.428



Tritanomaly
88, 45.704, 183.186

Monochromacy



Original Color
89, 73.101, 159.174



Achromatopsia
71, 0.009, 296.813



Achromatomaly
76, 34.517, 167.881

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 73.150, 159.198 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(14, 254, 171)` looks like.

```
.text, #text, p{  
    color:rgb(14, 254, 171)  
}
```

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(14, 254, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(14, 254, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 73.150, 159.198 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(14, 254, 171) }
```

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

```
.border{ border-color:rgb(14, 254, 171) }
```

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

Here you see how a box with a 4 pixel rgb(14, 254, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(14, 254, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(14, 254, 171);  
box-shadow:4px 4px 4px 4px rgb(14, 254,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 73.150, 159.198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(14, 254, 171) }
```

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

```
.background{ background-color: rgb(14, 254,  
171) }
```

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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