

Converting Colors

CIELCh(92, 77.699, 153.977)

Have a look what the booklet for
CIELCh(92, 77.699, 153.977)
contains.

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Color

CIELCh(89, 73.721, 155.238)

Conversions

Conversions Part 1

Format	Color
Hex	3BFEA2
RGB	59, 254, 162
RGB Percent	23%, 100%, 64%
CMY	0.7695, 0.0054, 0.3657
CMYK	0.77, 0.00, 0.36, 0.01
HSL	152°, 99%, 61%
HSV	152°, 77%, 99%
XYZ	43.6100, 74.1641, 46.0789
YIQ	185.2070, -86.6880, -69.9520

Conversions

Conversions Part 2

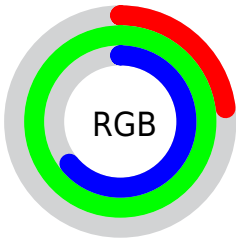
Format	Color
RYB	59, 187, 254
Decimal	3931810
CIELab	89.00, -66.94, 30.88
CIELCh	89, 73.721, 155.238
Yxy	74.1641, 0.2662, 0.4526
Android (android.graphics.Color)	4282121890 (0xFF3BFEA2)
YUV	185.2070, -11.4411, -110.6835
Hunter-Lab	86.1186, -60.3161, 28.5591

Details

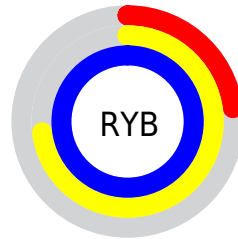
The CIELCh color **89, 73.721, 155.238** is a light color, and the websafe version is hex **33FF99**. The color can be described as light washed spring green. A complement of this color would be **58, 77.405, 356.770**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 43.532, 169.834**, and **70, 68.534, 152.338** is the 20% darker color. If you saturate the color by 10%, you get **89, 80.015, 153.142**, and if you desaturate by 10%, it is **90, 66.405, 157.116**.

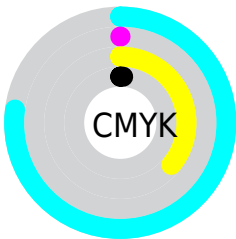
Distribution



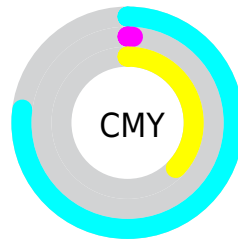
- Red (23%)
- Green (100%)
- Blue (64%)



- Red (23%)
- Yellow (73%)
- Blue (100%)



- Cyan (77%)
- Magenta (0%)
- Yellow (36%)
- Black (1%)




- Cyan (77%)
- Magenta (1%)
- Yellow (37%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 89, 73.721, 155.238 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, 73.721, 155.238 by changing the saturation by 10% instead.


 89, 73.721,
155.238

 89, 73.721,
155.238


 100, 73.721,
155.238

 79, 73.721,
155.238

 69, 73.721,
155.238

 59, 73.721,
155.238

 49, 73.721,
155.238

 39, 73.721,
155.238

 29, 73.721,
155.238

 19, 73.721,


155.238


 9, 73.721, 155.238


 0, 73.721, 155.238


 89, 73.721,
155.238


 89, 73.721,
155.238


 89, 80.015,
153.142


 90, 66.405,
157.116

 88, 85.346,
150.857

 91, 58.113,
158.780


 88, 86.919,
150.131

 92, 48.967,
160.248

 93, 39.137,
161.545

 94, 28.810,

162.698

 96, 18.168,
163.734

 98, 7.373, 164.697

100, 0.864,
324.114

Harmonies

Complementary

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



89, 73.721, 155.238



58, 77.405, 356.770

Rectangle

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



89, 73.721, 155.238



89, 73.721, 205.238



89, 73.721, 335.238



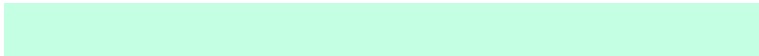
89, 73.721, 25.238

Sweetspot

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



89, 73.722, 155.238



96, 24.879, 163.106



91, 96.677, 126.985



50, 17.177, 162.720



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, 73.722, 155.238



89, 83.241, 151.973



90, 46.130, 198.719



52, 6.174, 164.439



68, 69.694, 150.559



23, 30.106, 153.795

Inverse Universe

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



58, 77.405, 356.770



55, 83.296, 2.156



57, 84.794, 33.655



50, 6.264, 345.989



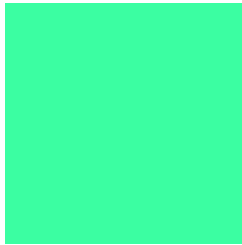
41, 68.036, 4.845



10, 31.630, 358.810

Previews

White Background



This preview shows how the CIE LCh color 89, 73.721, 155.238 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, 73.721, 155.238 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

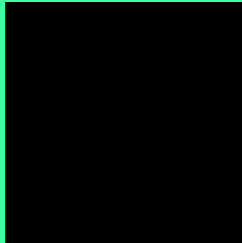
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 89, 73.721, 155.238

Background



This preview shows how black text looks on a background with the CIELCh color 89, 73.721, 155.238.

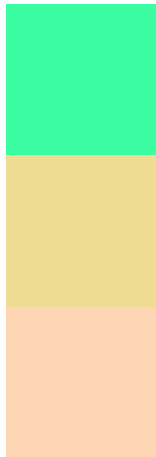


This preview shows how white text looks on a background with the CIELCh color 89, 73.721, 155.238.

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, 73.791, 155.234

Protanopia

88, 38.377, 95.425

Deuteranopia

88, 24.504, 67.495



Tritanopia
89, 31.521, 214.060

Trichromacy



Original Color
89, 73.791, 155.234



Protanomaly
87, 46.839, 135.165



Deuteranomaly
86, 33.029, 137.581

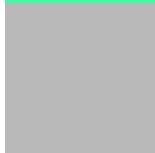


Tritanomaly
88, 42.961, 180.321

Monochromacy



Original Color
89, 73.791, 155.234



Achromatopsia
75, 0.009, 296.813



Achromatomaly
79, 30.794, 162.319

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 73.721, 155.238 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(59, 254, 162)` looks like.

```
.text, #text, p{  
    color:rgb(59, 254, 162)  
}
```

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(59, 254, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 254, 162) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 73.721, 155.238 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(59, 254, 162) }
```

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

```
.border{ border-color:rgb(59, 254, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 254, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 254, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 254, 162);  
box-shadow:4px 4px 4px 4px rgb(59, 254,  
162) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 73.721, 155.238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 254, 162) }
```

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

```
.background{ background-color: rgb(59, 254,  
162) }
```

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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