

Converting Colors

CIELCh(91, 55.952, 173.481)

Have a look what the booklet for
CIELCh(91, 55.952, 173.481)
contains.

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Color

CIELCh(91, 55.394, 173.900)

Conversions

Conversions Part 1

Format	Color
Hex	44FFD8
RGB	68, 255, 216
RGB Percent	27%, 100%, 85%
CMY	0.7339, 0.0000, 0.1523
CMYK	0.73, 0.00, 0.15, 0.00
HSL	168°, 100%, 63%
HSV	168°, 73%, 100%
XYZ	50.9346, 78.4833, 77.5332
YIQ	194.6410, -98.9330, -51.7730

Conversions

Conversions Part 2

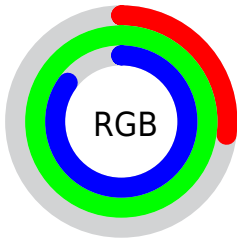
Format	Color
RYB	68, 172, 255
Decimal	4521944
CIELab	91.00, -55.08, 5.89
CIELCh	91, 55.394, 173.900
Yxy	78.4833, 0.2461, 0.3792
Android (android.graphics.Color)	4282712024 (0xFF44FFD8)
YUV	194.6410, 10.5300, -111.0642
Hunter-Lab	88.5908, -52.4068, 10.1239

Details

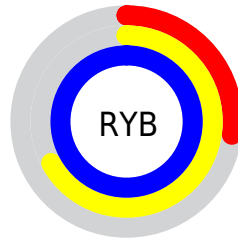
The CIELCh color **91, 55.394, 173.900** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed cyan. A complement of this color would be **58, 74.723, 16.889**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **94, 34.015, 197.328**, and **71, 50.136, 172.545** is the 20% darker color. If you saturate the color by 10%, you get **90, 58.721, 172.748**, and if you desaturate by 10%, it is **91, 49.933, 175.838**.

Distribution



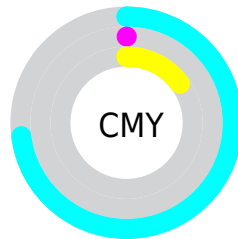
- Red (27%)
- Green (100%)
- Blue (85%)



- Red (27%)
- Yellow (67%)
- Blue (100%)



- Cyan (73%)
- Magenta (0%)
- Yellow (15%)
- Black (0%)





- Cyan (73%)
- Magenta (0%)
- Yellow (15%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 91, 55.394, 173.900 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 91, 55.394, 173.900 by changing the saturation by 10% instead.


 91, 55.394,
173.900


 91, 55.394,
173.900

 100, 55.394,
173.900


 81, 55.394,
173.900

 71, 55.394,
173.900

 61, 55.394,
173.900

 51, 55.394,
173.900

 41, 55.394,
173.900

 31, 55.394,
173.900

 21, 55.394,

173.900

■ 11, 55.394,
173.900

■ 1, 55.394, 173.900

■ 91, 55.394,
173.900

■ 91, 55.394,
173.900

■ 90, 58.721,
172.748

■ 91, 49.933,
175.838

■ 90, 61.602,
170.942

■ 92, 43.986,
177.160

■ 90, 63.106,
169.679

■ 93, 37.104,
178.364

■ 94, 29.423,
179.475

■ 96, 21.098,
180.513

■ 97, 12.290,
181.503

■ 99, 3.147, 182.565

100, 0.012,
296.813

Harmonies

Complementary

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



91, 55.394, 173.900



58, 74.723, 16.889

Rectangle

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



91, 55.394, 173.900



91, 55.394, 223.900



91, 55.394, 353.900



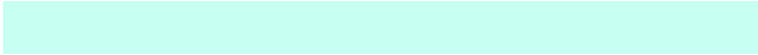
91, 55.394, 43.900

Sweetspot

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



91, 54.853, 174.375



96, 19.899, 180.653



89, 101.383, 134.174



51, 13.297, 180.380



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



91, 54.853, 174.375



90, 60.164, 171.938



76, 41.122, 242.189



52, 5.245, 181.885



69, 50.594, 170.036



23, 22.547, 172.597

Inverse Universe

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



58, 74.723, 16.889



55, 85.957, 23.603



66, 70.697, 47.506



50, 5.444, 3.513



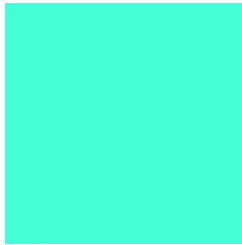
40, 74.575, 29.024



10, 31.940, 18.350

Previews

White Background



This preview shows how the CIE LCh color 91, 55.394, 173.900 looks on a white background.

Color Contrast Check

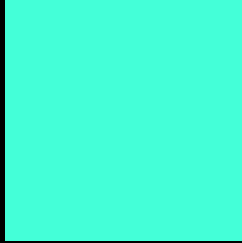
Large Text (above 18pt) WCAG AA × Fail

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 91, 55.394, 173.900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

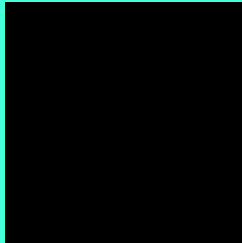
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 91, 55.394, 173.900

Background



This preview shows how black text looks on a background with the CIELCh color 91, 55.394, 173.900.

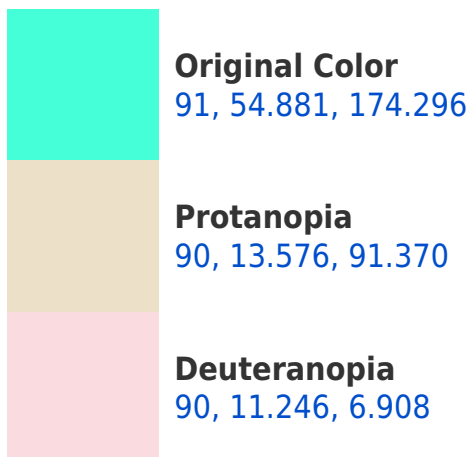


This preview shows how white text looks on a background with the CIELCh color 91, 55.394, 173.900.

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



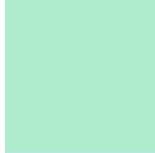


Tritanopia
90, 27.229, 213.439

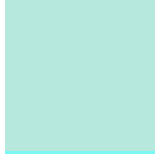
Trichromacy



Original Color
91, 54.881, 174.296



Protanomaly
89, 26.623, 161.727



Deuteranomaly
88, 17.895, 179.452

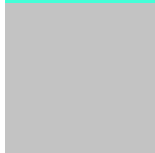


Tritanomaly
90, 36.518, 192.976

Monochromacy



Original Color
91, 54.881, 174.296



Achromatopsia
79, 0.010, 296.813



Achromatomaly
82, 24.346, 179.857

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 55.394, 173.900 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(68, 255, 216)` looks like.

```
.text, #text, p{  
    color:rgb(68, 255, 216)  
}
```

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(68, 255, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 255, 216) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 55.394, 173.900 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(68, 255, 216) }
```

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

```
.border{ border-color:rgb(68, 255, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 255, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 255, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 255, 216);  
box-shadow:4px 4px 4px 4px rgb(68, 255,  
216) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 55.394, 173.900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 255, 216) }
```

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

```
.background{ background-color: rgb(68, 255,  
216) }
```

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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