

Converting Colors

CIELCh(91, 54.005, 179.007)

Have a look what the booklet for
CIELCh(91, 54.005, 179.007)
contains.

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Color

CIELCh(91, 53.444, 179.647)

Conversions

Conversions Part 1

Format	Color
Hex	39FFE3
RGB	57, 255, 227
RGB Percent	22%, 100%, 89%
CMY	0.7780, 0.0000, 0.1104
CMYK	0.78, 0.00, 0.11, 0.00
HSL	171°, 100%, 61%
HSV	171°, 78%, 100%
XYZ	51.5531, 78.4833, 84.9982
YIQ	192.6060, -109.0200, -50.6840

Conversions

Conversions Part 2

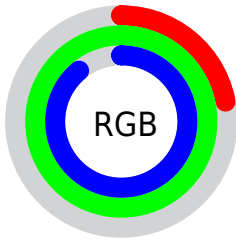
Format	Color
RYB	57, 164, 255
Decimal	3801059
CIELab	91.00, -53.44, 0.33
CIELCh	91, 53.444, 179.647
Yxy	78.4833, 0.2397, 0.3650
Android (android.graphics.Color)	4281991139 (0xFF39FFE3)
YUV	192.6060, 16.9562, -118.9265
Hunter-Lab	88.5908, -51.1605, 5.1279

Details

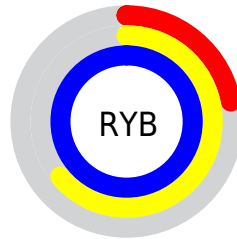
The CIELCh color **91, 53.444, 179.647** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light washed cyan. A complement of this color would be **57, 80.436, 23.847**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 35.363, 197.247**, and **71, 46.791, 178.866** is the 20% darker color. If you saturate the color by 10%, you get **90, 55.838, 178.681**, and if you desaturate by 10%, it is **91, 49.256, 181.296**.

Distribution



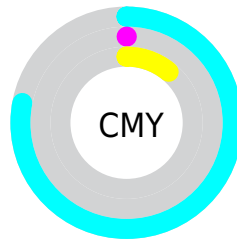
- Red (22%)
- Green (100%)
- Blue (89%)



- Red (22%)
- Yellow (64%)
- Blue (100%)



- Cyan (78%)
- Magenta (0%)
- Yellow (11%)
- Black (0%)





- Cyan (78%)
- Magenta (0%)
- Yellow (11%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 91, 53.444, 179.647 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, 53.444, 179.647 by changing the saturation by 10% instead.


 91, 53.444,
179.647


 91, 53.444,
179.647

 100, 53.444,
179.647


 81, 53.444,
179.647

 71, 53.444,
179.647

 61, 53.444,
179.647

 51, 53.444,
179.647

 41, 53.444,
179.647

 31, 53.444,
179.647

 21, 53.444,

179.647

■ 11, 53.444,
179.647

■ 1, 53.444, 179.647

■ 91, 53.444,
179.647

■ 91, 53.444,
179.647

■ 90, 55.838,
178.681

■ 91, 49.256,
181.296

■ 90, 57.670,
177.173

■ 92, 44.355,
182.431

■ 90, 58.014,
176.836

■ 93, 38.429,
183.482

■ 94, 31.585,
184.466

■ 95, 23.966,
185.403

■ 97, 15.726,
186.307

■ 99, 7.019, 187.217

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, 53.444, 179.647



57, 80.436, 23.847

Rectangle

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



91, 53.444, 179.647



91, 53.444, 229.647



91, 53.444, 359.647



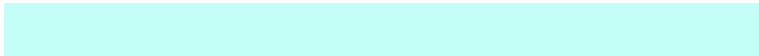
91, 53.444, 49.647

Sweetspot

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



91, 53.077, 180.052



96, 20.080, 185.839



89, 107.042, 135.267



51, 13.769, 185.511



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, 53.077, 180.052



90, 56.890, 177.912



72, 45.588, 255.066



52, 5.103, 187.056



70, 46.586, 177.122



23, 20.997, 179.149

Inverse Universe

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



57, 80.436, 23.847



54, 92.879, 31.134



67, 73.504, 52.426



50, 5.335, 8.567



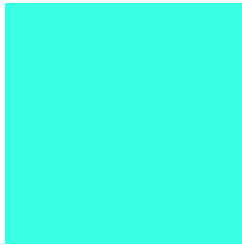
40, 77.894, 33.590



10, 32.329, 21.362

Previews

White Background



This preview shows how the CIELCh color 91, 53.444, 179.647 looks on a white background.

Color Contrast Check

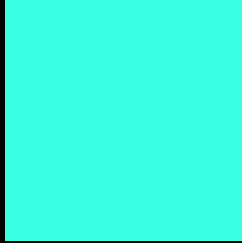
Large Text (above 18pt) WCAG AA × Fail

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, 53.444, 179.647 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

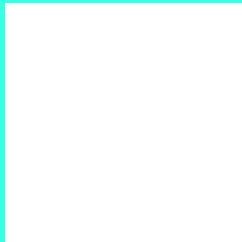
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 53.444, 179.647

Background



This preview shows how black text looks on a background with the CIELCh color 91, 53.444, 179.647.

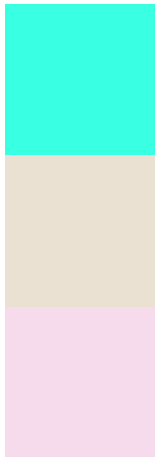


This preview shows how white text looks on a background with the CIELCh color 91, 53.444, 179.647.

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


91, 53.004, 180.119

Protanopia

90, 7.956, 84.919

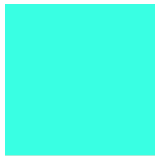
Deuteranopia

90, 12.502, 338.687

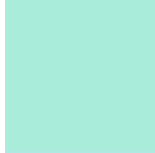


Tritanopia
90, 27.229, 213.439

Trichromacy



Original Color
91, 53.004, 180.119



Protanomaly
89, 24.985, 174.321



Deuteranomaly
88, 18.605, 198.188

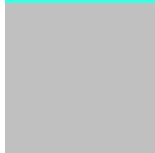


Tritanomaly
90, 36.861, 196.276

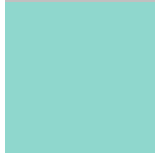
Monochromacy



Original Color
91, 53.004, 180.119



Achromatopsia
78, 0.009, 296.813



Achromatomaly
81, 24.704, 185.160

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 53.444, 179.647 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(57, 255, 227)` looks like.

```
.text, #text, p{  
    color:rgb(57, 255, 227)  
}
```

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(57, 255, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 255, 227) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 53.444, 179.647 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(57, 255, 227) }
```

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

```
.border{ border-color:rgb(57, 255, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 255, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 255, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 255, 227);  
box-shadow:4px 4px 4px 4px rgb(57, 255,  
227) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 53.444, 179.647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 255, 227) }
```

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

```
.background{ background-color: rgb(57, 255,  
227) }
```

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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