

Converting Colors

CIELCh(91, 54.600, 180.737)

Have a look what the booklet for
CIELCh(91, 54.600, 180.737)
contains.

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Color

CIELCh(91, 53.959, 181.491)

Conversions

Conversions Part 1

Format	Color
Hex	29FFE6
RGB	41, 255, 230
RGB Percent	16%, 100%, 90%
CMY	0.8391, 0.0000, 0.0974
CMYK	0.84, 0.00, 0.10, 0.00
HSL	173°, 100%, 58%
HSV	173°, 84%, 100%
XYZ	51.3645, 78.4833, 87.4209
YIQ	188.1640, -119.5190, -53.1430

Conversions

Conversions Part 2

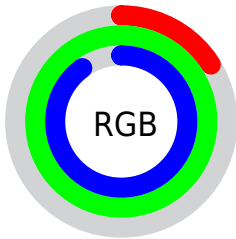
Format	Color
RYB	41, 155, 255
Decimal	2752486
CIELab	91.00, -53.94, -1.40
CIELCh	91, 53.959, 181.491
Yxy	78.4833, 0.2364, 0.3612
Android (android.graphics.Color)	4280942566 (0xFF29FFE6)
YUV	188.1640, 20.6251, -129.0628
Hunter-Lab	88.5908, -51.5405, 3.5065

Details

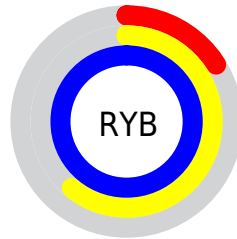
The CIELCh color **91, 53.959, 181.491** is a light color, and the websafe version is hex **00FFFF**. The color can be described as light washed cyan. A complement of this color would be **55, 87.018, 28.501**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 36.865, 197.158**, and **72, 45.960, 180.737** is the 20% darker color. If you saturate the color by 10%, you get **90, 55.405, 180.786**, and if you desaturate by 10%, it is **91, 50.548, 183.213**.

Distribution



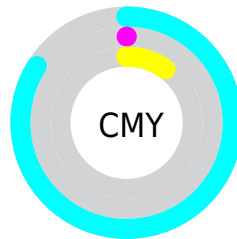
- Red (16%)
- Green (100%)
- Blue (90%)



- Red (16%)
- Yellow (61%)
- Blue (100%)



- Cyan (84%)
- Magenta (0%)
- Yellow (10%)
- Black (0%)





- Cyan (84%)
- Magenta (0%)
- Yellow (10%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 91, 53.959, 181.491 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, 53.959, 181.491 by changing the saturation by 10% instead.


 91, 53.959,
181.491


 91, 53.959,
181.491


 100, 53.959,
181.491


 81, 53.959,
181.491

 71, 53.959,
181.491

 61, 53.959,
181.491

 51, 53.959,
181.491

 41, 53.959,
181.491

 31, 53.959,
181.491

 21, 53.959,

181.491

■ 11, 53.959,
181.491

■ 1, 53.959, 181.491

■ 91, 53.959,
181.491

■ 91, 53.959,
181.491

■ 90, 55.405,
180.786

■ 91, 50.548,
183.213

■ 90, 56.219,
179.969

■ 92, 46.530,
184.273

■ 92, 41.431,
185.256

■ 93, 35.325,
186.183

95, 28.332,
187.069

96, 20.597,
187.927

97, 12.274,
188.775

99, 3.514, 189.714

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, 53.959, 181.491



55, 87.018, 28.501

Rectangle

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



91, 53.959, 181.491



91, 53.959, 231.491



91, 53.959, 1.491



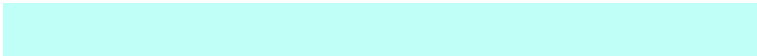
91, 53.959, 51.491

Sweetspot

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



91, 53.480, 182.056



96, 21.468, 187.835



88, 112.367, 135.555



51, 14.498, 187.535



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, 53.480, 182.056



90, 56.219, 179.969



68, 50.519, 262.971



52, 5.059, 189.157



70, 45.175, 180.217



23, 20.452, 181.969

Inverse Universe

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



55, 87.018, 28.501



53, 99.253, 35.917



66, 78.688, 54.388



50, 5.305, 10.602



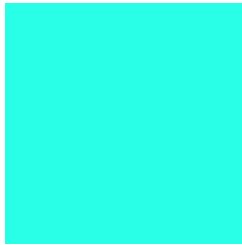
40, 79.195, 35.102



10, 32.493, 22.445

Previews

White Background



This preview shows how the CIE LCh color 91, 53.959, 181.491 looks on a white background.

Color Contrast Check

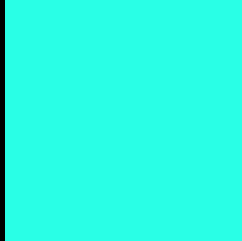
Large Text (above 18pt) WCAG AA × Fail

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, 53.959, 181.491 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

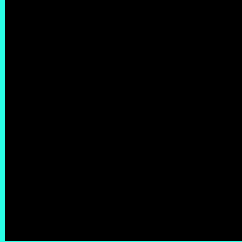
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

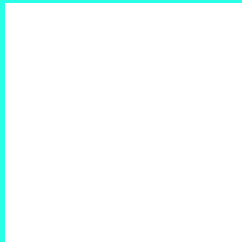
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 53.959, 181.491

Background



This preview shows how black text looks on a background with the CIELCh color 91, 53.959, 181.491.

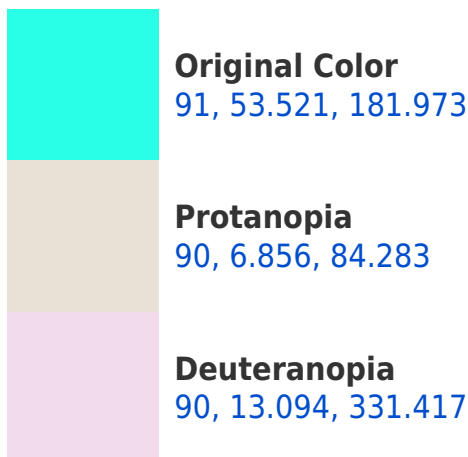


This preview shows how white text looks on a background with the CIELCh color 91, 53.959, 181.491.

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



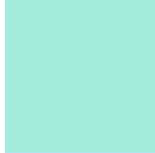


Tritanopia
90, 27.957, 212.982

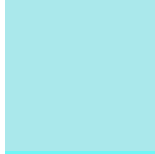
Trichromacy



Original Color
91, 53.521, 181.973



Protanomaly
88, 26.183, 177.786



Deuteranomaly
88, 20.286, 202.555

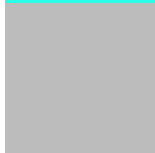


Tritanomaly
90, 38.326, 197.009

Monochromacy



Original Color
91, 53.521, 181.973



Achromatopsia
76, 0.009, 296.813



Achromatomaly
80, 25.947, 186.821

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 53.959, 181.491 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(41, 255, 230)` looks like.

```
.text, #text, p{  
    color:rgb(41, 255, 230)  
}
```

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(41, 255, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 255, 230) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 53.959, 181.491 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(41, 255, 230) }
```

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

```
.border{ border-color:rgb(41, 255, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 255, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 255, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 255, 230);  
box-shadow:4px 4px 4px 4px rgb(41, 255,  
230) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 53.959, 181.491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 255, 230) }
```

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

```
.background{ background-color: rgb(41, 255,  
230) }
```

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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