

Converting Colors

CIELCh(93, 63.625, 186.243)

Have a look what the booklet for
CIELCh(93, 63.625, 186.243)
contains.

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Color

CIELCh(91, 51.579, 191.012)

Conversions

Conversions Part 1

Format	Color
Hex	03FFF6
RGB	3, 255, 246
RGB Percent	1%, 100%, 96%
CMY	0.9877, 0.0000, 0.0337
CMYK	0.99, 0.00, 0.03, 0.00
HSL	178°, 100%, 51%
HSV	178°, 99%, 100%
XYZ	52.6277, 78.4833, 99.8904
YIQ	178.6260, -147.3030, -56.2230

Conversions

Conversions Part 2

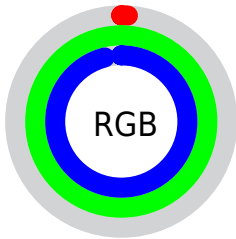
Format	Color
RYB	3, 131, 255
Decimal	262134
CIELab	91.00, -50.63, -9.85
CIELCh	91, 51.579, 191.012
Yxy	78.4833, 0.2278, 0.3398
Android (android.graphics.Color)	4278452214 (0xFF03FFF6)
YUV	178.6260, 33.2154, -154.0240
Hunter-Lab	88.5908, -48.9954, -4.8388

Details

The CIELCh color **91, 51.579, 191.012** is a light color, and the websafe version is hex **00FFFF**. The color can be described as light saturated cyan. A complement of this color would be **53, 102.678, 38.843**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 38.289, 197.073**, and **72, 42.461, 191.056** is the 20% darker color. If you saturate the color by 10%, you get **91, 51.524, 191.186**, and if you desaturate by 10%, it is **91, 50.541, 191.731**.

Distribution



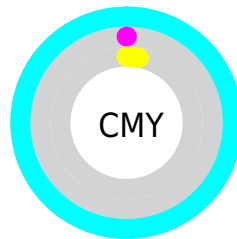
- Red (1%)
- Green (100%)
- Blue (96%)



- Red (1%)
- Yellow (51%)
- Blue (100%)



- Cyan (99%)
- Magenta (0%)
- Yellow (3%)
- Black (0%)





- Cyan (99%)
- Magenta (0%)
- Yellow (3%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 91, 51.579, 191.012 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, 51.579, 191.012 by changing the saturation by 10% instead.


 91, 51.579,
191.012


 91, 51.579,
191.012


 100, 51.579,
191.012


 81, 51.579,
191.012

 71, 51.579,
191.012

 61, 51.579,
191.012

 51, 51.579,
191.012

 41, 51.579,
191.012

 31, 51.579,
191.012

 21, 51.579,

191.012

■ 11, 51.579,
191.012

■ 1, 51.579, 191.012

■ 91, 51.579,
191.012

■ 91, 51.579,
191.012

■ 91, 51.524,
191.186

■ 91, 50.541,
191.731

■ 91, 48.737,
192.208

■ 92, 45.862,
192.688

■ 92, 41.870,
193.182

■ 93, 36.786,
193.698

■ 94, 30.693,
194.242

■ 95, 23.712,
194.817

■ 97, 15.988,
195.426

■ 98, 7.669, 196.092

Harmonies

Complementary

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



91, 51.579, 191.012



53, 102.678, 38.843

Rectangle

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



91, 51.579, 191.012



91, 51.579, 241.012



91, 51.579, 11.012



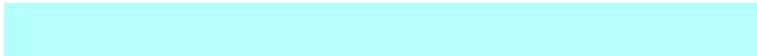
91, 51.579, 61.012

Sweetspot

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



91, 51.440, 191.246



95, 24.615, 194.744



88, 119.284, 135.902



50, 16.520, 194.500



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, 51.440, 191.246



91, 51.524, 191.186



58, 65.667, 279.154



52, 4.964, 196.039



70, 41.478, 191.272



24, 19.014, 191.873

Inverse Universe

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



53, 102.678, 38.843



53, 103.261, 39.073



65, 86.984, 56.174



49, 5.254, 17.183



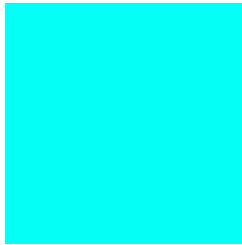
40, 82.743, 38.685



10, 33.088, 25.812

Previews

White Background



This preview shows how the CIE LCh color 91, 51.579, 191.012 looks on a white background.

Color Contrast Check

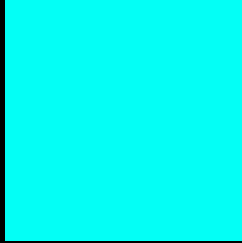
Large Text (above 18pt) WCAG AA × Fail

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, 51.579, 191.012 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

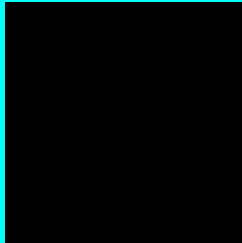
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

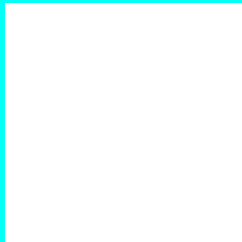
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 51.579, 191.012

Background



This preview shows how black text looks on a background with the CIELCh color 91, 51.579, 191.012.

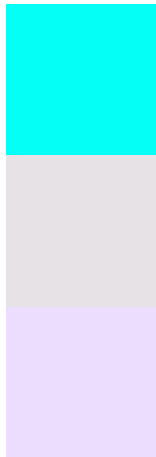


This preview shows how white text looks on a background with the CIELCh color 91, 51.579, 191.012.

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, 51.518, 191.009

Protanopia

90, 2.132, 332.284

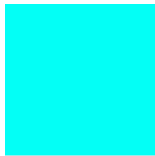
Deuteranopia

90, 18.000, 308.087



Tritanopia
91, 27.664, 212.019

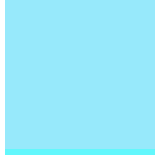
Trichromacy



Original Color
91, 51.518, 191.009



Protanomaly
88, 28.078, 195.432



Deuteranomaly
88, 26.366, 218.986

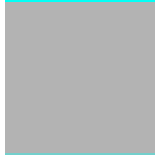


Tritanomaly
90, 40.177, 200.689

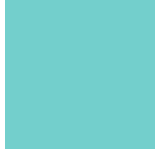
Monochromacy



Original Color
91, 51.518, 191.009



Achromatopsia
73, 0.009, 296.813



Achromatomaly
78, 28.991, 194.107

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 51.579, 191.012 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(3, 255, 246)` looks like.

```
.text, #text, p{  
    color:rgb(3, 255, 246)  
}
```

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(3, 255, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 255, 246) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 51.579, 191.012 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(3, 255, 246) }
```

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

```
.border{ border-color:rgb(3, 255, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(3, 255, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 255, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(3, 255, 246);  
box-shadow:4px 4px 4px 4px rgb(3, 255,  
246) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 51.579, 191.012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 255, 246) }
```

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

```
.background{ background-color: rgb(3, 255,  
246) }
```

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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