

Converting Colors

CIELCh(91, 53.029, 186.900)

Have a look what the booklet for
CIELCh(91, 53.029, 186.900)
contains.

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Color

CIELCh(91, 52.613, 187.592)

Conversions

Conversions Part 1

Format	Color
Hex	0DFFF1
RGB	13, 255, 241
RGB Percent	5%, 100%, 95%
CMY	0.9490, 0.0000, 0.0556
CMYK	0.95, 0.00, 0.06, 0.00
HSL	176°, 100%, 53%
HSV	176°, 95%, 100%
XYZ	52.0444, 78.4833, 95.4831
YIQ	181.0460, -139.7380, -55.6580

Conversions

Conversions Part 2

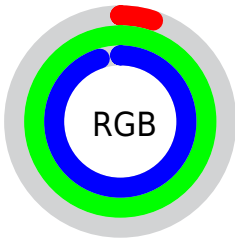
Format	Color
R_{YB}	13, 138, 255
Decimal	917489
CIE _{Lab}	91.00, -52.15, -6.95
CIE _{LCh}	91, 52.613, 187.592
Yxy	78.4833, 0.2303, 0.3473
Android (android.graphics.Color)	4279107569 (0xFF0DFFF1)
YUV	181.0460, 29.5573, -147.3763
Hunter-Lab	88.5908, -50.1707, -1.8891

Details

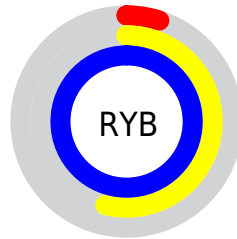
The CIELCh color **91, 52.613, 187.592** is a light color, and the websafe version is hex **00FFFF**. The color can be described as light saturated cyan. A complement of this color would be **54, 99.221, 36.802**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 38.090, 197.085**, and **72, 43.495, 187.441** is the 20% darker color. If you saturate the color by 10%, you get **91, 52.746, 187.639**, and if you desaturate by 10%, it is **91, 50.944, 188.791**.

Distribution



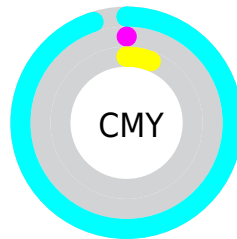
- Red (5%)
- Green (100%)
- Blue (95%)



- Red (5%)
- Yellow (54%)
- Blue (100%)



- Cyan (95%)
- Magenta (0%)
- Yellow (6%)
- Black (0%)



- Cyan (95%)
- Magenta (0%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 52.613, 187.592 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, 52.613, 187.592 by changing the saturation by 10% instead.

■ 91, 52.613,
187.592

■ 91, 52.613,
187.592

■ 100, 52.613,
187.592

■ 81, 52.613,
187.592

■ 71, 52.613,
187.592

■ 61, 52.613,
187.592

■ 51, 52.613,
187.592

■ 41, 52.613,
187.592

■ 31, 52.613,
187.592

■ 21, 52.613,

187.592

■ 11, 52.613,
187.592

■ 1, 52.613, 187.592

■ 91, 52.613,
187.592

■ 91, 52.613,
187.592

■ 91, 52.746,
187.639

■ 91, 50.944,
188.791

■ 91, 48.575,
189.500

■ 92, 45.109,
190.181

■ 93, 40.534,
190.847

93, 34.907,
191.509

95, 28.332,
192.177

96, 20.946,
192.857

97, 12.898,
193.558

99, 4.338, 194.350

Harmonies

Complementary

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



91, 52.613, 187.592



54, 99.221, 36.802

Rectangle

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



91, 52.613, 187.592



91, 52.613, 237.592



91, 52.613, 7.592



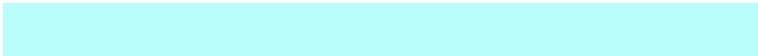
91, 52.613, 57.592

Sweetspot

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



91, 52.313, 188.037



95, 23.313, 192.644



88, 118.234, 135.854



50, 15.848, 192.351



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, 52.313, 188.037



91, 52.746, 187.639



61, 61.190, 275.246



52, 4.985, 193.958



70, 42.441, 187.781



24, 19.391, 188.770

Inverse Universe

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



54, 99.221, 36.802



53, 102.302, 38.366



65, 85.535, 55.992



50, 5.262, 15.205



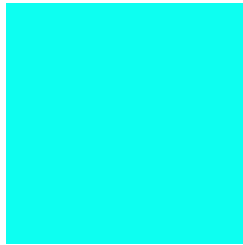
40, 81.792, 37.791



10, 32.899, 24.820

Previews

White Background



This preview shows how the CIE LCh color 91, 52.613, 187.592 looks on a white background.

Color Contrast Check

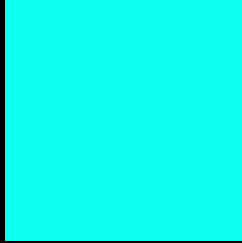
Large Text (above 18pt) WCAG AA × Fail

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, 52.613, 187.592 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

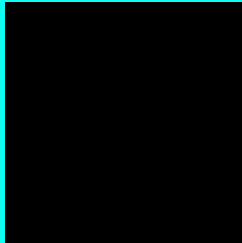
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

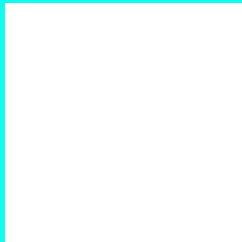
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 52.613, 187.592

Background



This preview shows how black text looks on a background with the CIELCh color 91, 52.613, 187.592.

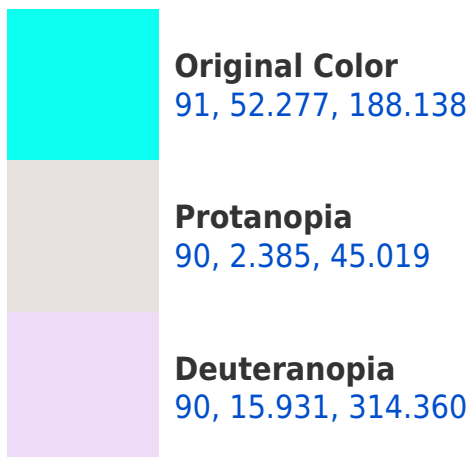


This preview shows how white text looks on a background with the CIELCh color 91, 52.613, 187.592.

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



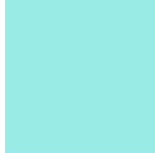


Tritanopia
91, 27.908, 211.878

Trichromacy



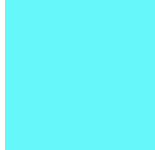
Original Color
91, 52.277, 188.138



Protanomaly
88, 27.354, 189.869



Deuteranomaly
88, 24.618, 212.791

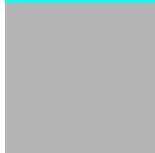


Tritanomaly
90, 40.021, 199.191

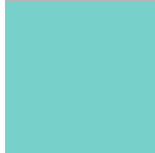
Monochromacy



Original Color
91, 52.277, 188.138



Achromatopsia
74, 0.009, 296.813



Achromatomaly
78, 28.257, 191.884

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 52.613, 187.592 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(13, 255, 241)` looks like.

```
.text, #text, p{  
    color:rgb(13, 255, 241)  
}
```

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(13, 255, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 255, 241) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 52.613, 187.592 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(13, 255, 241) }
```

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

```
.border{ border-color:rgb(13, 255, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(13, 255, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 255, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(13, 255, 241);  
box-shadow:4px 4px 4px 4px rgb(13, 255,  
241) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 52.613, 187.592 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(13, 255, 241) }
```

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

```
.background{ background-color: rgb(13, 255,  
241) }
```

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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