

Converting Colors

CIELCh(91, 50.586, 189.338)

Have a look what the booklet for
CIELCh(91, 50.586, 189.338)
contains.

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Color

CIELCh(91, 50.654, 189.175)

Conversions

Conversions Part 1

Format	Color
Hex	29FFF3
RGB	41, 255, 243
RGB Percent	16%, 100%, 95%
CMY	0.8389, 0.0000, 0.0469
CMYK	0.84, 0.00, 0.05, 0.00
HSL	177°, 100%, 58%
HSV	177°, 84%, 100%
XYZ	52.8677, 78.4833, 97.1774
YIQ	189.6460, -123.6920, -49.1000

Conversions

Conversions Part 2

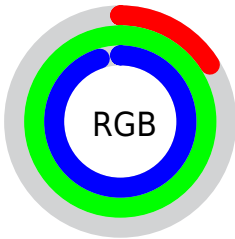
Format	Color
RYB	41, 151, 255
Decimal	2752499
CIELab	91.00, -50.01, -8.08
CIELCh	91, 50.654, 189.175
Yxy	78.4833, 0.2313, 0.3434
Android (android.graphics.Color)	4280942579 (0xFF29FFF3)
YUV	189.6460, 26.3035, -130.3625
Hunter-Lab	88.5908, -48.5117, -3.0231

Details

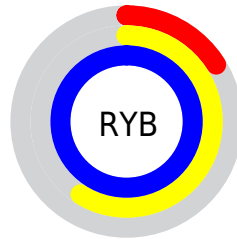
The CIELCh color **91, 50.654, 189.175** is a light color, and the websafe version is hex **00FFFF**. The color can be described as light washed cyan. A complement of this color would be **55, 90.154, 32.482**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 36.655, 197.170**, and **72, 43.064, 188.867** is the 20% darker color. If you saturate the color by 10%, you get **91, 52.087, 188.471**, and if you desaturate by 10%, it is **91, 48.183, 189.874**.

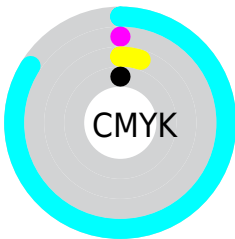
Distribution



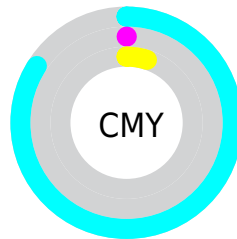
- Red (16%)
- Green (100%)
- Blue (95%)



- Red (16%)
- Yellow (59%)
- Blue (100%)



- Cyan (84%)
- Magenta (0%)
- Yellow (5%)
- Black (0%)





- Cyan (84%)
- Magenta (0%)
- Yellow (5%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 91, 50.654, 189.175 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, 50.654, 189.175 by changing the saturation by 10% instead.


 91, 50.654,
189.175


 91, 50.654,
189.175


 100, 50.654,
189.175


 81, 50.654,
189.175

 71, 50.654,
189.175

 61, 50.654,
189.175

 51, 50.654,
189.175

 41, 50.654,
189.175

 31, 50.654,
189.175

 21, 50.654,

189.175

■ 11, 50.654,
189.175

■ 1, 50.654, 189.175

■ 91, 50.654,
189.175

■ 91, 50.654,
189.175

■ 91, 52.087,
188.471

■ 91, 48.183,
189.874

■ 91, 52.607,
188.012

■ 92, 44.622,
190.533

■ 93, 39.954,
191.181

■ 94, 34.241,
191.830

95, 27.591,
192.487

96, 20.142,
193.160

98, 12.044,
193.857

99, 3.445, 194.678

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, 50.654, 189.175



55, 90.154, 32.482

Rectangle

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



91, 50.654, 189.175



91, 50.654, 239.175



91, 50.654, 9.175



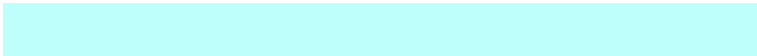
91, 50.654, 59.175

Sweetspot

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



91, 50.643, 189.191



96, 21.006, 193.084



88, 113.223, 136.132



51, 14.164, 192.846



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, 50.643, 189.191



91, 52.607, 188.012



65, 54.930, 269.875



52, 4.982, 194.180



70, 42.331, 188.148



24, 19.349, 189.097

Inverse Universe

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



55, 90.154, 32.482



53, 102.416, 38.451



68, 77.227, 58.339



50, 5.261, 15.417



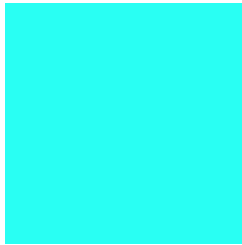
40, 81.894, 37.889



10, 32.919, 24.927

Previews

White Background



This preview shows how the CIE LCh color 91, 50.654, 189.175 looks on a white background.

Color Contrast Check

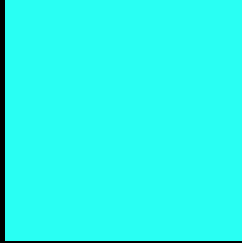
Large Text (above 18pt) WCAG AA × Fail

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, 50.654, 189.175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

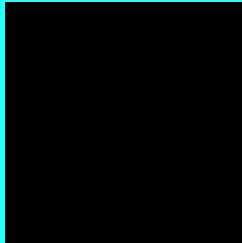
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

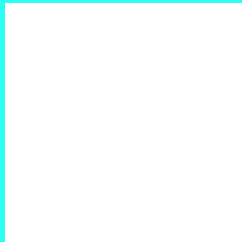
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 50.654, 189.175

Background



This preview shows how black text looks on a background with the CIELCh color 91, 50.654, 189.175.

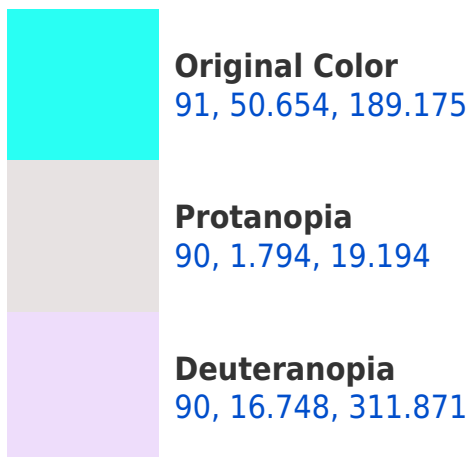


This preview shows how white text looks on a background with the CIELCh color 91, 50.654, 189.175.

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, 27.173, 212.309

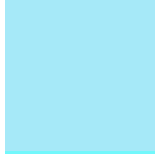
Trichromacy



Original Color
91, 50.654, 189.175



Protanomaly
89, 24.594, 191.671



Deuteranomaly
89, 22.283, 218.847

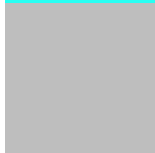


Tritanomaly
90, 37.589, 200.288

Monochromacy



Original Color
91, 50.654, 189.175



Achromatopsia
77, 0.009, 296.813



Achromatomaly
81, 25.601, 191.586

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 50.654, 189.175 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, 243)` looks like.

```
.text, #text, p{  
    color:rgb(41, 255, 243)  
}
```

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, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 255, 243) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 50.654, 189.175 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, 243) }
```

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

```
.border{ border-color:rgb(41, 255, 243) }
```

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, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 255, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 255, 243);  
box-shadow:4px 4px 4px 4px rgb(41, 255,  
243) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 50.654, 189.175 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, 243) }
```

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

```
.background{ background-color: rgb(41, 255,  
243) }
```

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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