

Converting Colors

CIELCh(91, 49.596, 196.416)

Have a look what the booklet for
CIELCh(91, 49.596, 196.416)
contains.

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Color

CIELCh(91, 49.536, 196.411)

Conversions

Conversions Part 1

Format	Color
Hex	15FEFE
RGB	21, 254, 254
RGB Percent	8%, 100%, 100%
CMY	0.9178, 0.0023, 0.0023
CMYK	0.92, 0.00, 0.00, 0.00
HSL	180°, 99%, 54%
HSV	180°, 92%, 100%
XYZ	53.8332, 78.4833, 106.4160
YIQ	184.3330, -138.8680, -49.3960

Conversions

Conversions Part 2

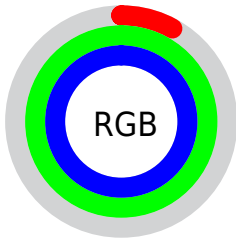
Format	Color
R _Y B	21, 138, 254
Decimal	1441534
CIE Lab	91.00, -47.52, -14.00
CIE LCh	91, 49.536, 196.411
Yxy	78.4833, 0.2255, 0.3288
Android (android.graphics.Color)	4279631614 (0xFF15FEFE)
YUV	184.3330, 34.3458, -143.2430
Hunter-Lab	88.5908, -46.5664, -9.2061

Details

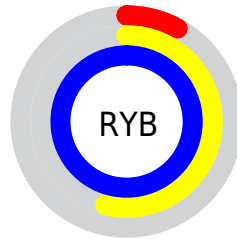
The CIELCh color **91, 49.536, 196.411** is a light color, and the websafe version is hex **00FFFF**. The color can be described as light washed cyan. A complement of this color would be **54, 99.866, 38.219**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 37.689, 197.109**, and **72, 40.966, 197.175** is the 20% darker color. If you saturate the color by 10%, you get **91, 50.029, 196.381**, and if you desaturate by 10%, it is **91, 48.210, 196.486**.

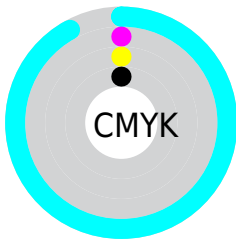
Distribution



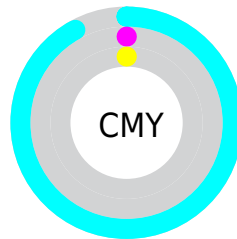
- Red (8%)
- Green (100%)
- Blue (100%)



- Red (8%)
- Yellow (54%)
- Blue (100%)



- Cyan (92%)
- Magenta (0%)
- Yellow (0%)
- Black (0%)





- Cyan (92%)
- Magenta (0%)
- Yellow (0%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 49.536, 196.411 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, 49.536, 196.411 by changing the saturation by 10% instead.


 91, 49.536,
196.411


 91, 49.536,
196.411


 100, 49.536,
196.411


 81, 49.536,
196.411

 71, 49.536,
196.411

 61, 49.536,
196.411

 51, 49.536,
196.411

 41, 49.536,
196.411

 31, 49.536,
196.411

 21, 49.536,

196.411

■ 11, 49.536,
196.411

■ 1, 49.536, 196.411

■ 91, 49.536,
196.411

■ 91, 49.536,
196.411

■ 91, 50.029,
196.381

■ 91, 48.210,
196.486

■ 92, 45.856,
196.622

■ 92, 42.393,
196.824

■ 93, 37.818,
197.094

■ 94, 32.189,
197.431

■ 95, 25.610,
197.832

■ 96, 18.214,
198.295

■ 98, 10.147,
198.826

■ 99, 1.553, 199.730

Harmonies

Complementary

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



91, 49.536, 196.411



54, 99.866, 38.219

Rectangle

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



91, 49.536, 196.411



91, 49.536, 246.411



91, 49.536, 16.411



91, 49.536, 66.411

Sweetspot

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



91, 49.535, 196.410



96, 22.962, 197.999



88, 117.488, 136.191



50, 15.581, 197.808



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, 49.535, 196.410



91, 50.116, 196.381



59, 65.282, 279.509



52, 4.945, 198.960



70, 40.366, 196.381



24, 18.570, 196.382

Inverse Universe

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



54, 99.866, 38.219



53, 104.574, 39.999



68, 81.752, 60.774



49, 5.254, 19.941



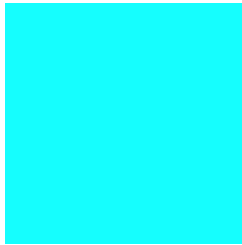
40, 84.228, 39.999



10, 33.367, 27.175

Previews

White Background



This preview shows how the CIE LCh color 91, 49.536, 196.411 looks on a white background.

Color Contrast Check

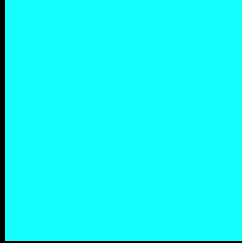
Large Text (above 18pt) WCAG AA × Fail

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, 49.536, 196.411 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

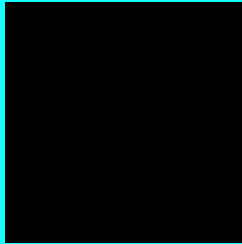
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 91, 49.536, 196.411

Background



This preview shows how black text looks on a background with the CIELCh color 91, 49.536, 196.411.



This preview shows how white text looks on a background with the CIELCh color 91, 49.536, 196.411.

Color Blindness Simulation

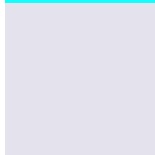
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



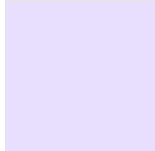
Original Color

91, 49.471, 196.415



Protanopia

90, 5.774, 297.623



Deuteranopia

90, 16.975, 301.888



Tritanopia
91, 27.420, 212.162

Trichromacy



Original Color
91, 49.471, 196.415



Protanomaly
89, 26.035, 205.903



Deuteranomaly
88, 26.037, 223.100

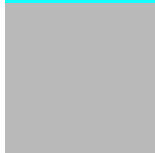


Tritanomaly
90, 38.777, 203.268

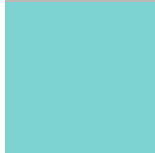
Monochromacy



Original Color
91, 49.471, 196.415



Achromatopsia
75, 0.009, 296.813



Achromatomaly
79, 26.927, 197.499

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 49.536, 196.411 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(21, 254, 254)` looks like.

```
.text, #text, p{  
    color:rgb(21, 254, 254)  
}
```

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(21, 254, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 254, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 49.536, 196.411 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(21, 254, 254) }
```

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

```
.border{ border-color:rgb(21, 254, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(21, 254, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 254, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 254, 254);  
box-shadow:4px 4px 4px 4px rgb(21, 254,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 49.536, 196.411 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 254, 254) }
```

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

```
.background{ background-color: rgb(21, 254,  
254) }
```

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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