

Converting Colors

CIELCh(91, 43.358, 198.897)

Have a look what the booklet for
CIELCh(91, 43.358, 198.897)
contains.

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Color

CIELCh(91, 43.424, 198.844)

Conversions

Conversions Part 1

Format	Color
Hex	54FCFF
RGB	84, 252, 255
RGB Percent	33%, 99%, 100%
CMY	0.6686, 0.0133, 0.0015
CMYK	0.67, 0.01, 0.00, 0.00
HSL	181°, 100%, 66%
HSV	181°, 67%, 100%
XYZ	56.3792, 78.4833, 106.4650
YIQ	202.1100, -101.0910, -34.6830

Conversions

Conversions Part 2

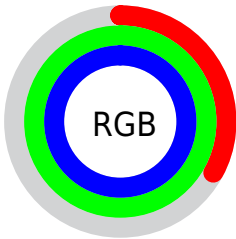
Format	Color
R_{YB}	84, 169, 255
Decimal	5569791
CIE _{Lab}	91.00, -41.10, -14.03
CIE _{LCh}	91, 43.424, 198.844
Yxy	78.4833, 0.2336, 0.3252
Android (android.graphics.Color)	4283759871 (0xFF54FCFF)
YUV	202.1100, 26.0748, -103.5825
Hunter-Lab	88.5908, -41.4366, -9.2388

Details

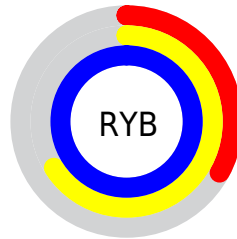
The CIELCh color **91, 43.424, 198.844** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **61, 73.231, 30.489**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **94, 30.907, 197.515**, and **72, 40.539, 198.779** is the 20% darker color. If you saturate the color by 10%, you get **90, 46.216, 198.849**, and if you desaturate by 10%, it is **92, 39.514, 198.933**.

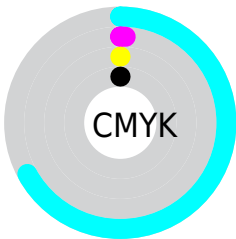
Distribution



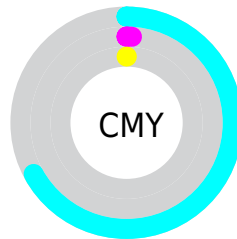
- Red (33%)
- Green (99%)
- Blue (100%)



- Red (33%)
- Yellow (66%)
- Blue (100%)



- Cyan (67%)
- Magenta (1%)
- Yellow (0%)
- Black (0%)




- Cyan (67%)
- Magenta (1%)
- Yellow (0%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 43.424, 198.844 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, 43.424, 198.844 by changing the saturation by 10% instead.

 91, 43.424,
198.844


 91, 43.424,
198.844


 100, 43.424,
198.844


 81, 43.424,
198.844

 71, 43.424,
198.844

 61, 43.424,
198.844

 51, 43.424,
198.844

 41, 43.424,
198.844

 31, 43.424,
198.844

 21, 43.424,

198.844

■ 11, 43.424,
198.844

■ 1, 43.424, 198.844

■ 91, 43.424,
198.844

■ 91, 43.424,
198.844

■ 90, 46.216,
198.849

■ 92, 39.514,
198.933

■ 90, 47.926,
198.954

■ 93, 34.520,
199.116

■ 90, 48.678,
199.152

■ 94, 28.528,
199.384

■ 90, 48.804,
199.227

■ 95, 21.658,
199.731

■ 97, 14.052,
200.152

■ 99, 5.854, 200.677

100, 0.103, 55.922

100, 0.180,
109.735

Harmonies

Complementary

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



91, 43.424, 198.844



61, 73.231, 30.489

Rectangle

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



91, 43.424, 198.844



91, 43.424, 248.844



91, 43.424, 18.844



91, 43.424, 68.844

Sweetspot

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



91, 43.424, 198.843



96, 16.567, 200.010



89, 98.428, 138.738



51, 11.196, 199.891



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, 43.424, 198.843



90, 46.928, 198.872



67, 51.008, 272.421



52, 4.857, 200.517



69, 39.370, 199.177



23, 18.165, 198.834

Inverse Universe

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



65, 96.609, 328.259



62, 107.364, 328.640



77, 60.354, 68.381



50, 8.949, 325.422



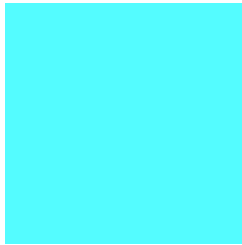
45, 91.804, 328.947



12, 42.304, 328.859

Previews

White Background



This preview shows how the CIE LCh color 91, 43.424, 198.844 looks on a white background.

Color Contrast Check

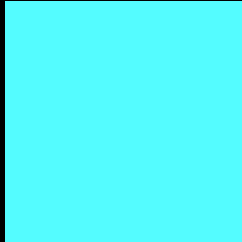
Large Text (above 18pt) WCAG AA × Fail

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, 43.424, 198.844 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

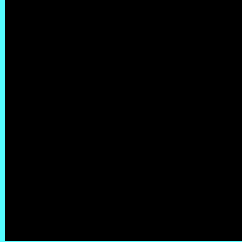
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 91, 43.424, 198.844

Background



This preview shows how black text looks on a background with the CIELCh color 91, 43.424, 198.844.

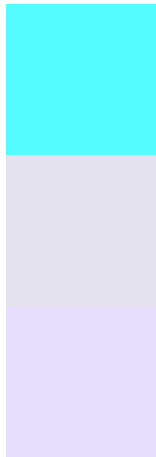


This preview shows how white text looks on a background with the CIELCh color 91, 43.424, 198.844.

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, 43.561, 198.829

Protanopia

90, 6.806, 296.621

Deuteranopia

90, 16.975, 301.888

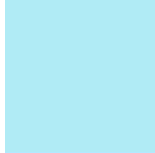


Tritanopia
91, 26.177, 212.929

Trichromacy



Original Color
91, 43.561, 198.829



Protanomaly
90, 19.604, 213.736



Deuteranomaly
89, 20.513, 232.624

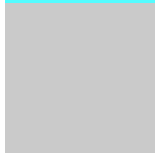


Tritanomaly
91, 33.182, 206.491

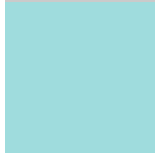
Monochromacy



Original Color
91, 43.561, 198.829



Achromatopsia
81, 0.010, 296.813



Achromatomaly
84, 20.155, 199.545

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 43.424, 198.844 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(84, 252, 255)` looks like.

```
.text, #text, p{  
    color:rgb(84, 252, 255)  
}
```

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(84, 252, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 252, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 43.424, 198.844 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(84, 252, 255) }
```

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

```
.border{ border-color:rgb(84, 252, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 252, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 252, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 252, 255);  
box-shadow:4px 4px 4px 4px rgb(84, 252,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 43.424, 198.844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 252, 255) }
```

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

```
.background{ background-color: rgb(84, 252,  
255) }
```

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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