

Converting Colors

CIELCh(91, 48.575, 193.825)

Have a look what the booklet for
CIELCh(91, 48.575, 193.825)
contains.

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Color

CIELCh(91, 48.532, 193.971)

Conversions

Conversions Part 1

Format	Color
Hex	31FEFA
RGB	49, 254, 250
RGB Percent	19%, 100%, 98%
CMY	0.8073, 0.0037, 0.0194
CMYK	0.81, 0.00, 0.02, 0.00
HSL	179°, 99%, 59%
HSV	179°, 81%, 100%
XYZ	53.9980, 78.4833, 102.7936
YIQ	192.2490, -120.8960, -44.7040

Conversions

Conversions Part 2

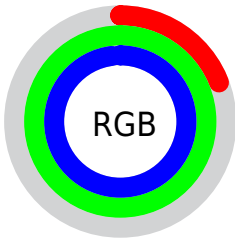
Format	Color
R _Y B	49, 153, 254
Decimal	3276538
CIE Lab	91.00, -47.10, -11.72
CIE LCh	91, 48.532, 193.971
Yxy	78.4833, 0.2295, 0.3336
Android (android.graphics.Color)	4281466618 (0xFF31FEFA)
YUV	192.2490, 28.4712, -125.6294
Hunter-Lab	88.5908, -46.2344, -6.7818

Details

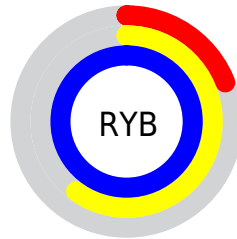
The CIELCh color **91, 48.532, 193.971** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **56, 88.632, 33.377**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 35.800, 197.221**, and **72, 41.420, 194.826** is the 20% darker color. If you saturate the color by 10%, you get **91, 50.059, 193.656**, and if you desaturate by 10%, it is **91, 45.957, 194.309**.

Distribution



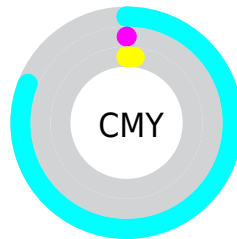
- Red (19%)
- Green (100%)
- Blue (98%)



- Red (19%)
- Yellow (60%)
- Blue (100%)



- Cyan (81%)
- Magenta (0%)
- Yellow (2%)
- Black (0%)





- Cyan (81%)
- Magenta (0%)
- Yellow (2%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 91, 48.532, 193.971 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, 48.532, 193.971 by changing the saturation by 10% instead.


 91, 48.532,
193.971


 91, 48.532,
193.971


 100, 48.532,
193.971


 81, 48.532,
193.971

 71, 48.532,
193.971

 61, 48.532,
193.971

 51, 48.532,
193.971

 41, 48.532,
193.971

 31, 48.532,
193.971

 21, 48.532,

193.971

■ 11, 48.532,
193.971

■ 1, 48.532, 193.971

■ 91, 48.532,
193.971

■ 91, 48.532,
193.971

■ 91, 50.059,
193.656

■ 91, 45.957,
194.309

■ 91, 50.736,
193.375

■ 92, 42.271,
194.683

■ 93, 37.483,
195.098

■ 94, 31.661,
195.556

95, 24.918,
196.058

96, 17.393,
196.605

98, 9.232, 197.210

100, 0.580,
198.873

100, 0.413,
342.770

Harmonies

Complementary

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



91, 48.532, 193.971



56, 88.632, 33.377

Rectangle

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



91, 48.532, 193.971



91, 48.532, 243.971



91, 48.532, 13.971



91, 48.532, 63.971

Sweetspot

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



91, 48.531, 193.970



96, 20.046, 196.417



88, 111.237, 136.665



51, 13.599, 196.222



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, 48.531, 193.970



91, 50.699, 193.464



64, 56.036, 272.496



52, 4.954, 197.286



70, 40.968, 193.425



24, 18.812, 193.777

Inverse Universe

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



56, 88.632, 33.377



53, 102.356, 38.888



71, 73.444, 61.693



49, 5.252, 18.363



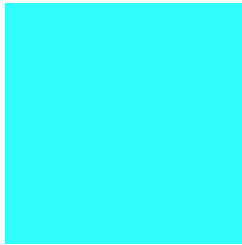
40, 83.352, 39.235



10, 33.205, 26.398

Previews

White Background



This preview shows how the CIE LCh color 91, 48.532, 193.971 looks on a white background.

Color Contrast Check

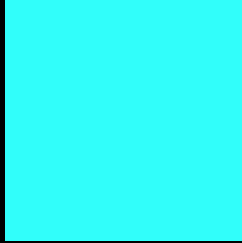
Large Text (above 18pt) WCAG AA × Fail

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, 48.532, 193.971 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

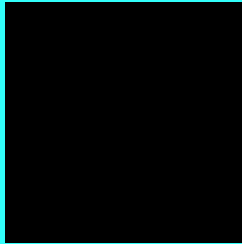
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 91, 48.532, 193.971

Background



This preview shows how black text looks on a background with the CIELCh color 91, 48.532, 193.971.

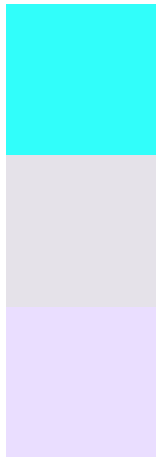


This preview shows how white text looks on a background with the CIELCh color 91, 48.532, 193.971.

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, 48.532, 193.971

Protanopia

90, 3.809, 306.649

Deuteranopia

90, 17.715, 304.880

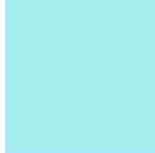


Tritanopia
91, 26.926, 212.459

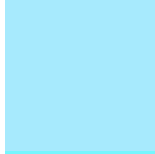
Trichromacy



Original Color
91, 48.532, 193.971



Protanomaly
89, 23.128, 201.830

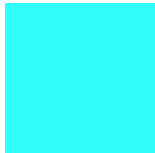


Deuteranomaly
89, 22.838, 224.074

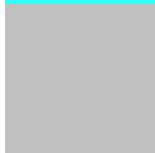


Tritanomaly
90, 36.597, 202.928

Monochromacy



Original Color
91, 48.532, 193.971



Achromatopsia
78, 0.009, 296.813



Achromatomaly
81, 24.426, 195.182

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 48.532, 193.971 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(49, 254, 250)` looks like.

```
.text, #text, p{  
    color:rgb(49, 254, 250)  
}
```

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(49, 254, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 254, 250) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 48.532, 193.971 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(49, 254, 250) }
```

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

```
.border{ border-color:rgb(49, 254, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 254, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 254, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 254, 250);  
box-shadow:4px 4px 4px 4px rgb(49, 254,  
250) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 48.532, 193.971 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 254, 250) }
```

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

```
.background{ background-color: rgb(49, 254,  
250) }
```

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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