

Converting Colors

CIELCh(91, 48.478, 196.478)

Have a look what the booklet for
CIELCh(91, 48.478, 196.478)
contains.

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Color

CIELCh(91, 48.508, 196.470)

Conversions

Conversions Part 1

Format	Color
Hex	29FEFE
RGB	41, 254, 254
RGB Percent	16%, 100%, 100%
CMY	0.8395, 0.0041, 0.0041
CMYK	0.84, 0.00, 0.00, 0.00
HSL	180°, 99%, 58%
HSV	180°, 84%, 100%
XYZ	54.2247, 78.4833, 106.0264
YIQ	190.3130, -126.9480, -45.1560

Conversions

Conversions Part 2

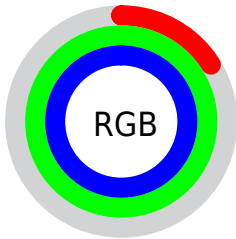
Format	Color
R _{YB}	41, 148, 254
Decimal	2752254
CIE Lab	91.00, -46.52, -13.75
CIE LCh	91, 48.508, 196.470
Yxy	78.4833, 0.2271, 0.3287
Android (android.graphics.Color)	4280942334 (0xFF29FEFE)
YUV	190.3130, 31.3977, -130.9475
Hunter-Lab	88.5908, -45.7777, -8.9453

Details

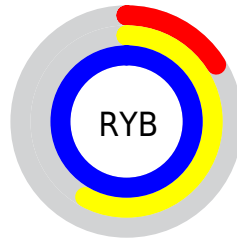
The CIELCh color **91, 48.508, 196.470** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **55, 92.950, 35.671**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 36.444, 197.183**, and **72, 41.267, 196.386** is the 20% darker color. If you saturate the color by 10%, you get **91, 49.631, 196.404**, and if you desaturate by 10%, it is **91, 46.383, 196.591**.

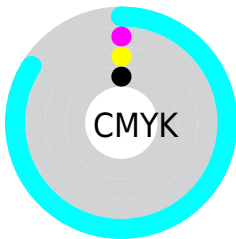
Distribution



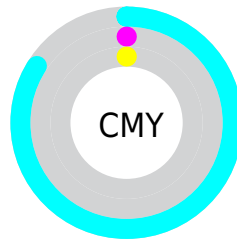
- Red (16%)
- Green (100%)
- Blue (100%)



- Red (16%)
- Yellow (58%)
- Blue (100%)



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




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


Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 48.508, 196.470 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, 48.508, 196.470 by changing the saturation by 10% instead.


 91, 48.508,
196.470


 91, 48.508,
196.470


 100, 48.508,
196.470


 81, 48.508,
196.470

 71, 48.508,
196.470

 61, 48.508,
196.470

 51, 48.508,
196.470

 41, 48.508,
196.470

 31, 48.508,
196.470

 21, 48.508,

196.470

■ 11, 48.508,
196.470

■ 1, 48.508, 196.470

■ 91, 48.508,
196.470

■ 91, 48.508,
196.470

■ 91, 49.631,
196.404

■ 91, 46.383,
196.591

■ 91, 49.961,
196.385

■ 92, 43.162,
196.779

■ 92, 38.826,
197.034

■ 93, 33.421,
197.357

94, 27.042,
197.745

96, 19.818,
198.194

97, 11.893,
198.708

99, 3.411, 199.381

100, 0.363, 17.599

Harmonies

Complementary

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



91, 48.508, 196.470



55, 92.950, 35.671

Rectangle

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



91, 48.508, 196.470



91, 48.508, 246.470



91, 48.508, 16.470



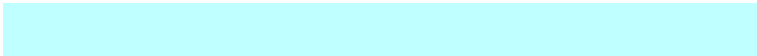
91, 48.508, 66.470

Sweetspot

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



91, 48.507, 196.469



96, 20.731, 198.141



88, 113.582, 136.598



51, 13.959, 197.978



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, 48.507, 196.469



91, 50.115, 196.385



61, 59.828, 275.853



52, 4.945, 198.962



70, 40.365, 196.385



24, 18.570, 196.385

Inverse Universe

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



55, 92.950, 35.671



53, 104.575, 40.000



70, 75.928, 62.545



49, 5.254, 19.943



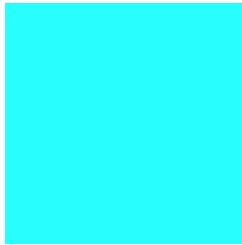
40, 84.229, 40.000



10, 33.367, 27.176

Previews

White Background



This preview shows how the CIE LCh color 91, 48.508, 196.470 looks on a white background.

Color Contrast Check

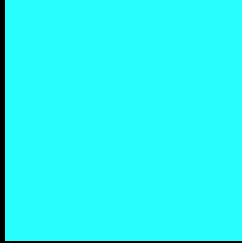
Large Text (above 18pt) WCAG AA × Fail

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, 48.508, 196.470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

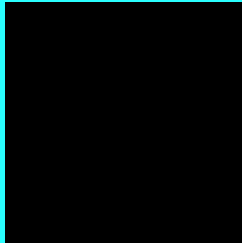
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

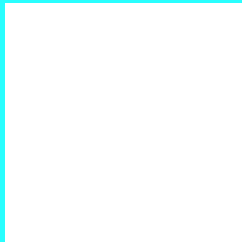
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 48.508, 196.470

Background



This preview shows how black text looks on a background with the CIELCh color 91, 48.508, 196.470.

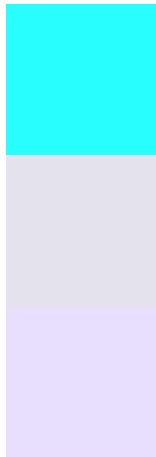


This preview shows how white text looks on a background with the CIELCh color 91, 48.508, 196.470.

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, 48.508, 196.470

Protanopia

90, 5.774, 297.623

Deuteranopia

90, 16.975, 301.888



Tritanopia
91, 27.173, 212.309

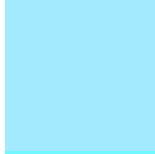
Trichromacy



Original Color
91, 48.508, 196.470



Protanomaly
89, 24.179, 206.642



Deuteranomaly
89, 24.144, 225.317

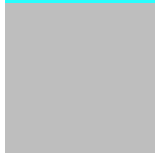


Tritanomaly
90, 37.072, 204.479

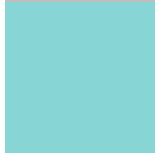
Monochromacy



Original Color
91, 48.508, 196.470



Achromatopsia
77, 0.009, 296.813



Achromatomaly
81, 24.808, 197.666

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 48.508, 196.470 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, 254, 254)` looks like.

```
.text, #text, p{  
    color:rgb(41, 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(41, 254, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 254, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 48.508, 196.470 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, 254, 254) }
```

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

```
.border{ border-color:rgb(41, 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(41, 254, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 254, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 254, 254);  
box-shadow:4px 4px 4px 4px rgb(41, 254,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 48.508, 196.470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 254, 254) }
```

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

```
.background{ background-color: rgb(41, 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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