

Converting Colors

CIELCh(91, 50.961, 174.450)

Have a look what the booklet for
CIELCh(91, 50.961, 174.450)
contains.

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Color

CIELCh(91, 50.804, 174.598)

Conversions

Conversions Part 1

Format	Color
Hex	5CFEDA
RGB	92, 254, 218
RGB Percent	36%, 100%, 85%
CMY	0.6411, 0.0023, 0.1435
CMYK	0.64, 0.00, 0.14, 0.00
HSL	167°, 99%, 68%
HSV	167°, 64%, 100%
XYZ	52.6473, 78.4833, 78.9794
YIQ	201.4580, -84.9960, -45.5400

Conversions

Conversions Part 2

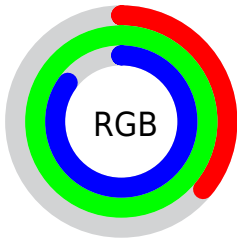
Format	Color
RYB	92, 183, 254
Decimal	6094554
CIELab	91.00, -50.58, 4.78
CIELCh	91, 50.804, 174.598
Yxy	78.4833, 0.2506, 0.3735
Android (android.graphics.Color)	4284284634 (0xFF5CFEDA)
YUV	201.4580, 8.1552, -95.9947
Hunter-Lab	88.5908, -48.9559, 9.1561

Details

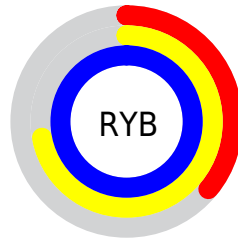
The CIELCh color **91, 50.804, 174.598** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light muted cyan. A complement of this color would be **62, 65.892, 12.490**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **94, 30.155, 197.561**, and **71, 49.044, 174.099** is the 20% darker color. If you saturate the color by 10%, you get **90, 55.784, 173.081**, and if you desaturate by 10%, it is **92, 44.803, 175.963**.

Distribution



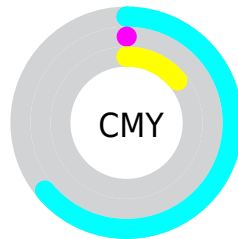
- Red (36%)
- Green (100%)
- Blue (85%)



- Red (36%)
- Yellow (72%)
- Blue (100%)



- Cyan (64%)
- Magenta (0%)
- Yellow (14%)
- Black (0%)





- Cyan (64%)
- Magenta (0%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 91, 50.804, 174.598 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, 50.804, 174.598 by changing the saturation by 10% instead.


 91, 50.804,
174.598


 91, 50.804,
174.598


 100, 50.804,
174.598


 81, 50.804,
174.598

 71, 50.804,
174.598

 61, 50.804,
174.598

 51, 50.804,
174.598

 41, 50.804,
174.598

 31, 50.804,
174.598

 21, 50.804,

174.598

■ 11, 50.804,
174.598

■ 1, 50.804, 174.598

■ 91, 50.804,
174.598

■ 91, 50.804,
174.598

■ 90, 55.784,
173.081

■ 92, 44.803,
175.963

■ 90, 59.721,
171.393

■ 93, 37.871,
177.203

■ 90, 62.684,
169.521

■ 94, 30.143,
178.343

■ 90, 64.120,
168.345

■ 96, 21.777,
179.402

97, 12.931,
180.407

99, 3.756, 181.452

100, 0.367,
323.612

Harmonies

Complementary

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



91, 50.804, 174.598



62, 65.892, 12.490

Rectangle

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



91, 50.804, 174.598



91, 50.804, 224.598



91, 50.804, 354.598



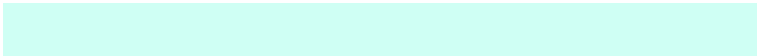
91, 50.804, 44.598

Sweetspot

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



91, 50.804, 174.597



97, 17.408, 179.912



90, 90.703, 134.185



51, 11.921, 179.624



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, 50.804, 174.597



90, 57.163, 172.597



80, 37.417, 236.408



52, 5.280, 180.856



69, 51.480, 168.711



23, 22.891, 171.355

Inverse Universe

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



62, 65.892, 12.490



57, 77.448, 17.285



69, 60.309, 46.055



50, 5.471, 2.499



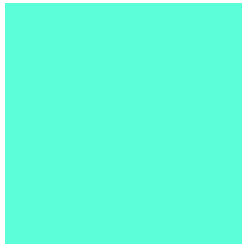
40, 73.928, 27.973



10, 31.861, 17.634

Previews

White Background



This preview shows how the CIE LCh color 91, 50.804, 174.598 looks on a white background.

Color Contrast Check

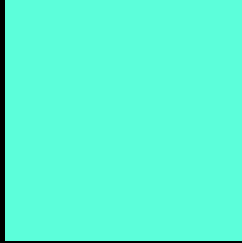
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 91, 50.804, 174.598 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

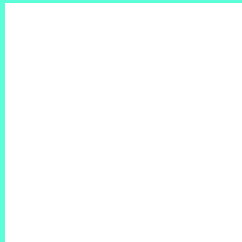
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 50.804, 174.598

Background



This preview shows how black text looks on a background with the CIELCh color 91, 50.804, 174.598.

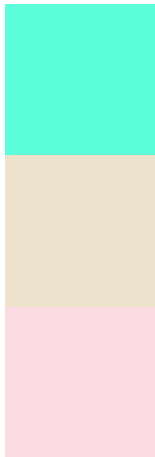


This preview shows how white text looks on a background with the CIELCh color 91, 50.804, 174.598.

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, 50.650, 174.540

Protanopia
90, 12.450, 91.729

Deuteranopia
90, 11.351, 4.356



Tritanopia
91, 25.237, 214.816

Trichromacy



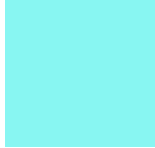
Original Color
91, 50.650, 174.540



Protanomaly
90, 23.814, 160.202



Deuteranomaly
89, 15.213, 178.348

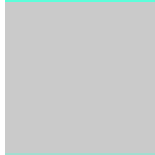


Tritanomaly
91, 33.487, 193.698

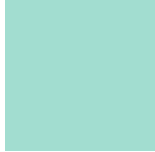
Monochromacy



Original Color
91, 50.650, 174.540



Achromatopsia
81, 0.010, 296.813



Achromatomaly
84, 21.463, 179.207

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 50.804, 174.598 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(92, 254, 218)` looks like.

```
.text, #text, p{  
    color:rgb(92, 254, 218)  
}
```

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(92, 254, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 254, 218) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 50.804, 174.598 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(92, 254, 218) }
```

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

```
.border{ border-color:rgb(92, 254, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 254, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 254, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 254, 218);  
box-shadow:4px 4px 4px 4px rgb(92, 254,  
218) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 50.804, 174.598 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 254, 218) }
```

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

```
.background{ background-color: rgb(92, 254,  
218) }
```

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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