

Converting Colors

CIELCh(91, 42.081, 187.645)

Have a look what the booklet for
CIELCh(91, 42.081, 187.645)
contains.

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Color

CIELCh(91, 41.857, 188.159)

Conversions

Conversions Part 1

Format	Color
Hex	6BFBEF
RGB	107, 251, 239
RGB Percent	42%, 98%, 94%
CMY	0.5796, 0.0150, 0.0621
CMYK	0.57, 0.00, 0.05, 0.01
HSL	175°, 95%, 70%
HSV	175°, 57%, 99%
XYZ	56.2437, 78.4833, 93.9786
YIQ	206.5760, -81.9720, -34.2600

Conversions

Conversions Part 2

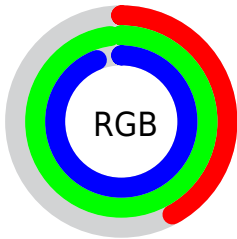
Format	Color
RYB	107, 182, 251
Decimal	7076847
CIELab	91.00, -41.43, -5.94
CIELCh	91, 41.857, 188.159
Yxy	78.4833, 0.2459, 0.3432
Android (android.graphics.Color)	4285266927 (0xFF6BFBEF)
YUV	206.5760, 15.9850, -87.3282
Hunter-Lab	88.5908, -41.7096, -0.8823

Details

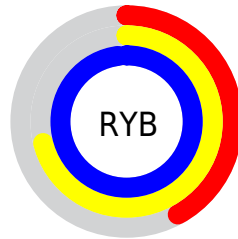
The CIELCh color **91, 41.857, 188.159** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **64, 59.896, 20.990**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 26.754, 197.768**, and **71, 41.940, 187.932** is the 20% darker color. If you saturate the color by 10%, you get **90, 46.291, 187.333**, and if you desaturate by 10%, it is **92, 36.379, 188.950**.

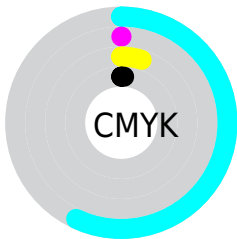
Distribution



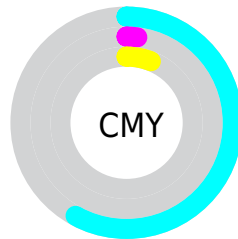
- Red (42%)
- Green (98%)
- Blue (94%)



- Red (42%)
- Yellow (71%)
- Blue (98%)



- Cyan (57%)
- Magenta (0%)
- Yellow (5%)
- Black (1%)





- Cyan (58%)
- Magenta (2%)
- Yellow (6%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 91, 41.857, 188.159 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, 41.857, 188.159 by changing the saturation by 10% instead.


 91, 41.857,
188.159


 91, 41.857,
188.159


 100, 41.857,
188.159


 81, 41.857,
188.159

 71, 41.857,
188.159

 61, 41.857,
188.159

 51, 41.857,
188.159

 41, 41.857,
188.159

 31, 41.857,
188.159

 21, 41.857,

188.159

■ 11, 41.857,
188.159

■ 1, 41.857, 188.159

■ 91, 41.857,
188.159

■ 91, 41.857,
188.159

■ 90, 46.291,
187.333

■ 92, 36.379,
188.950

■ 90, 49.635,
186.460

■ 93, 29.956,
189.723

■ 90, 51.915,
185.521

■ 94, 22.720,
190.487

■ 89, 53.251,
184.503

■ 96, 14.819,
191.253

■ 89, 53.526,
184.225

■ 97, 6.404, 192.057

■ 99, 1.377, 7.062

■ 99, 1.920, 334.385

■ 99, 2.381, 324.395

Harmonies

Complementary

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



91, 41.857, 188.159



64, 59.896, 20.990

Rectangle

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



91, 41.857, 188.159



91, 41.857, 238.159



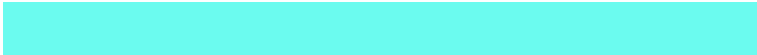
91, 41.857, 8.159



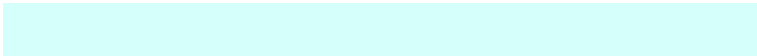
91, 41.857, 58.159

Sweetspot

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



91, 41.857, 188.157



97, 14.735, 191.277



89, 84.770, 137.587



51, 9.805, 191.122



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, 41.857, 188.157



91, 47.490, 187.186



75, 37.608, 254.810



51, 4.930, 191.873



69, 43.107, 184.418



22, 19.288, 185.826

Inverse Universe

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



64, 59.896, 20.990



60, 73.636, 24.676



75, 50.146, 58.363



49, 5.189, 13.209



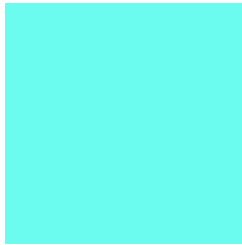
39, 79.905, 36.716



9, 31.621, 22.770

Previews

White Background



This preview shows how the CIE LCh color 91, 41.857, 188.159 looks on a white background.

Color Contrast Check

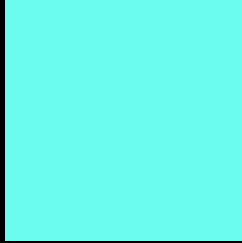
Large Text (above 18pt) WCAG AA × Fail

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, 41.857, 188.159 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

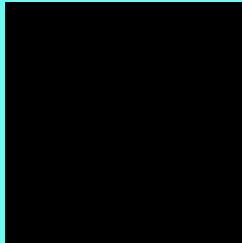
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

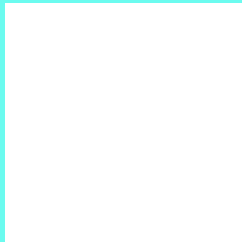
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 41.857, 188.159

Background



This preview shows how black text looks on a background with the CIELCh color 91, 41.857, 188.159.

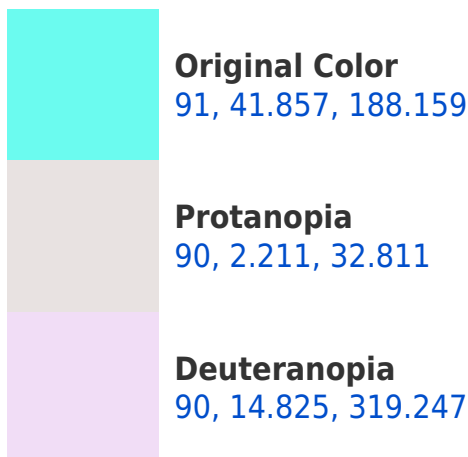


This preview shows how white text looks on a background with the CIELCh color 91, 41.857, 188.159.

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



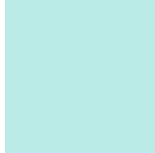


Tritanopia
91, 24.728, 215.201

Trichromacy



Original Color
91, 41.857, 188.159



Protanomaly
90, 16.544, 189.239



Deuteranomaly
90, 14.488, 224.296

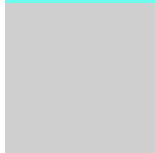


Tritanomaly
91, 30.877, 201.376

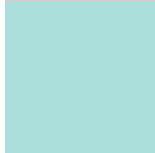
Monochromacy



Original Color
91, 41.857, 188.159



Achromatopsia
83, 0.010, 296.813



Achromatomaly
85, 17.792, 191.367

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 41.857, 188.159 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(107, 251, 239)` looks like.

```
.text, #text, p{  
    color:rgb(107, 251, 239)  
}
```

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(107, 251, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 251, 239) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 41.857, 188.159 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(107, 251, 239) }
```

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

```
.border{ border-color:rgb(107, 251, 239) }
```

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

Here you see how a box with a 4 pixel rgb(107, 251, 239) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 251, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 251, 239);  
box-shadow:4px 4px 4px 4px rgb(107, 251,  
239) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 41.857, 188.159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 251, 239) }
```

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

```
.background{ background-color: rgb(107,  
251, 239) }
```

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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