

Converting Colors

CIELCh(100, 54.594, 161.492)

Have a look what the booklet for
CIELCh(100, 54.594, 161.492)
contains.

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Color

CIELCh(93, 41.382, 170.079)

Conversions

Conversions Part 1

Format	Color
Hex	8EFFDC
RGB	142, 255, 220
RGB Percent	56%, 100%, 86%
CMY	0.4437, 0.0000, 0.1379
CMYK	0.44, 0.00, 0.14, 0.00
HSL	161°, 100%, 78%
HSV	161°, 44%, 100%
XYZ	60.0615, 82.9670, 80.4405
YIQ	217.2230, -56.1130, -34.8410

Conversions

Conversions Part 2

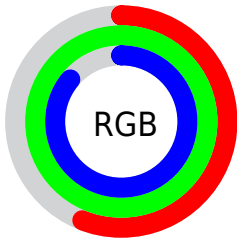
Format	Color
RYB	142, 209, 255
Decimal	9371612
CIELab	93.00, -40.76, 7.13
CIELCh	93, 41.382, 170.079
Yxy	82.9670, 0.2688, 0.3713
Android (android.graphics.Color)	4287561692 (0xFF8EFFDC)
YUV	217.2230, 1.3691, -65.9706
Hunter-Lab	91.0862, -41.6996, 11.3999

Details

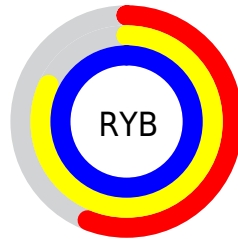
The CIELCh color **93, 41.382, 170.079** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **72, 46.576, 0.885**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 18.101, 198.308**, and **73, 41.059, 170.398** is the 20% darker color. If you saturate the color by 10%, you get **92, 48.693, 169.091**, and if you desaturate by 10%, it is **94, 32.460, 171.709**.

Distribution



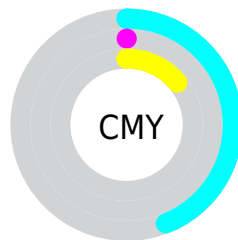
- Red (56%)
- Green (100%)
- Blue (86%)



- Red (56%)
- Yellow (82%)
- Blue (100%)



- Cyan (44%)
- Magenta (0%)
- Yellow (14%)
- Black (0%)





- Cyan (44%)
- Magenta (0%)
- Yellow (14%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 41.382, 170.079 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 93, 41.382, 170.079 by changing the saturation by 10% instead.


 93, 41.382,
170.079


 93, 41.382,
170.079


 100, 41.382,
170.079


 83, 41.382,
170.079

 73, 41.382,
170.079

 63, 41.382,
170.079

 53, 41.382,
170.079

 43, 41.382,
170.079

 33, 41.382,
170.079

 23, 41.382,

170.079

■ 13, 41.382,
170.079

■ 3, 41.382, 170.079

■ 93, 41.382,
170.079

■ 93, 41.382,
170.079

■ 92, 48.693,
169.091

■ 94, 32.460,
171.709

■ 91, 55.566,
167.555

■ 96, 23.413,
172.843

■ 90, 61.456,
165.834

■ 97, 13.967,
173.894

■ 90, 66.330,
163.909

■ 99, 4.273, 174.946

100, 0.012,

■ 89, 70.249,
161.781

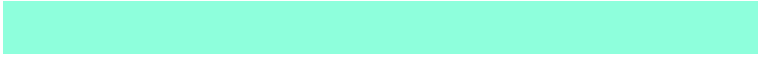
296.813

■ 89, 72.159,
160.532

Harmonies

Complementary

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



93, 41.382, 170.079



72, 46.576, 0.885

Rectangle

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



93, 41.382, 170.079



93, 41.382, 220.079



93, 41.382, 350.079



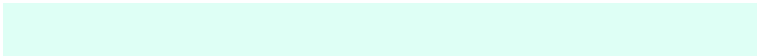
93, 41.382, 40.079

Sweetspot

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



93, 40.942, 170.467



97, 12.650, 174.034



93, 63.610, 132.980



52, 8.835, 173.808



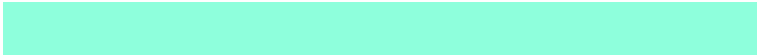
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

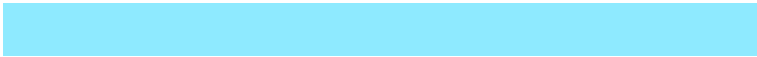
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 40.942, 170.467



92, 47.681, 169.288



88, 29.055, 219.884



52, 5.547, 174.390



69, 57.728, 160.948



23, 25.330, 163.978

Inverse Universe

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



72, 46.576, 0.885



67, 55.523, 2.648



76, 40.635, 38.120



50, 5.697, 356.066



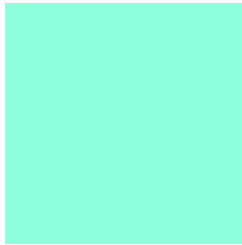
40, 70.325, 20.277



10, 31.419, 11.981

Previews

White Background



This preview shows how the CIE LCh color 93, 41.382, 170.079 looks on a white background.

Color Contrast Check

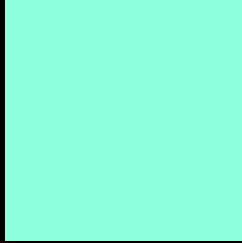
Large Text (above 18pt) WCAG AA × Fail

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 93, 41.382, 170.079 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

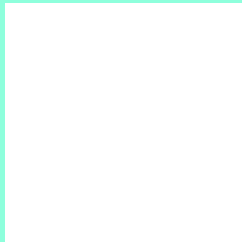
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 41.382, 170.079

Background



This preview shows how black text looks on a background with the CIELCh color 93, 41.382, 170.079.

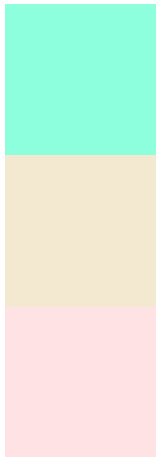


This preview shows how white text looks on a background with the CIELCh color 93, 41.382, 170.079.

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
93, 40.860, 170.551

Protanopia
92, 13.004, 90.800

Deuteranopia
92, 10.584, 17.319

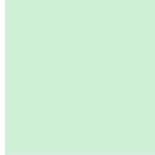


Tritanopia
92, 17.928, 220.579

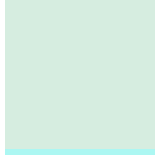
Trichromacy



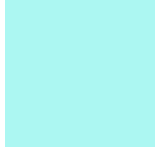
Original Color
93, 40.860, 170.551



Protanomaly
92, 19.008, 148.790



Deuteranomaly
92, 10.631, 159.564

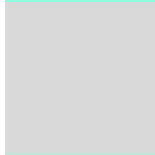


Tritanomaly
92, 24.508, 191.756

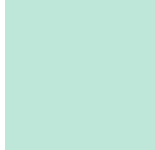
Monochromacy



Original Color
93, 40.860, 170.551



Achromatopsia
87, 0.010, 296.813



Achromatomaly
89, 15.935, 173.130

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 41.382, 170.079 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(142, 255, 220)` looks like.

```
.text, #text, p{  
    color:rgb(142, 255, 220)  
}
```

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(142, 255, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 255, 220) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 41.382, 170.079 is called "border". The border property can be set on classes, ids or directly on the HTML element.

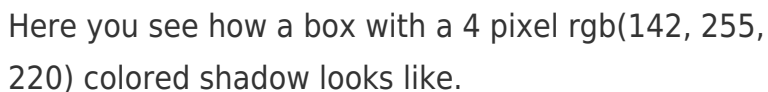
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(142, 255, 220) }
```

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

```
.border{ border-color:rgb(142, 255, 220) }
```

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



Here you see how a box with a 4 pixel `rgb(142, 255, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 255, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 255, 220);  
box-shadow:4px 4px 4px 4px rgb(142, 255,  
220) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 41.382, 170.079 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 255, 220) }
```

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

```
.background{ background-color: rgb(142,  
255, 220) }
```

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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