

Converting Colors

CIELCh(93, 40.868, 173.297)

Have a look what the booklet for
CIELCh(93, 40.868, 173.297)
contains.

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Color

CIELCh(93, 40.411, 173.465)

Conversions

Conversions Part 1

Format	Color
Hex	8CFFE1
RGB	140, 255, 225
RGB Percent	55%, 100%, 88%
CMY	0.4520, 0.0000, 0.1188
CMYK	0.45, 0.00, 0.12, 0.00
HSL	164°, 100%, 77%
HSV	164°, 45%, 100%
XYZ	60.3200, 82.9670, 83.8656
YIQ	217.1950, -58.9100, -33.7100

Conversions

Conversions Part 2

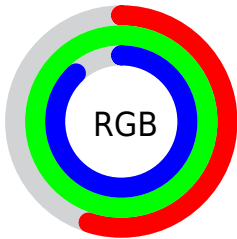
Format	Color
RYB	140, 206, 255
Decimal	9240545
CIELab	93.00, -40.15, 4.60
CIElCh	93, 40.411, 173.465
Yxy	82.9670, 0.2655, 0.3652
Android (android.graphics.Color)	4287430625 (0xFF8CFFE1)
YUV	217.1950, 3.8479, -67.7000
Hunter-Lab	91.0862, -41.1930, 9.1704

Details

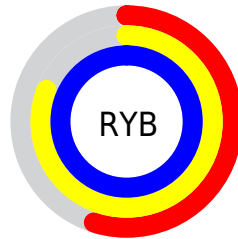
The CIELCh color **93, 40.411, 173.465** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **71, 46.917, 4.571**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 18.406, 198.288**, and **73, 40.085, 174.017** is the 20% darker color. If you saturate the color by 10%, you get **92, 47.269, 172.509**, and if you desaturate by 10%, it is **94, 32.042, 175.048**.

Distribution



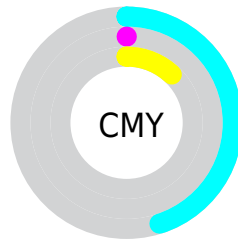
- Red (55%)
- Green (100%)
- Blue (88%)



- Red (55%)
- Yellow (81%)
- Blue (100%)



- Cyan (45%)
- Magenta (0%)
- Yellow (12%)
- Black (0%)





- Cyan (45%)
- Magenta (0%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 93, 40.411, 173.465 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, 40.411, 173.465 by changing the saturation by 10% instead.


 93, 40.411,
173.465


 93, 40.411,
173.465


 100, 40.411,
173.465


 83, 40.411,
173.465

 73, 40.411,
173.465

 63, 40.411,
173.465

 53, 40.411,
173.465

 43, 40.411,
173.465

 33, 40.411,
173.465

 23, 40.411,

173.465

■ 13, 40.411,
173.465

■ 3, 40.411, 173.465

■ 93, 40.411,
173.465

■ 93, 40.411,
173.465

■ 92, 47.269,
172.509

■ 94, 32.042,
175.048

■ 91, 53.574,
171.034

■ 95, 23.418,
176.160

■ 90, 58.870,
169.387

■ 97, 14.336,
177.200

■ 90, 63.138,
167.549

■ 99, 4.949, 178.235

100, 0.012,

■ 90, 66.455,
165.516

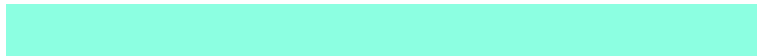
296.813

■ 89, 67.823,
164.503

Harmonies

Complementary

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



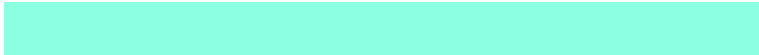
93, 40.411, 173.465



71, 46.917, 4.571

Rectangle

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



93, 40.411, 173.465



93, 40.411, 223.465



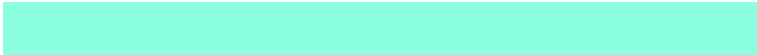
93, 40.411, 353.465



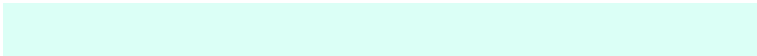
93, 40.411, 43.465

Sweetspot

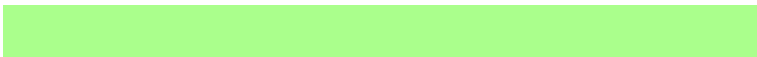
The Sweet Spot groups the original color and five complimentary colors.



93, 40.046, 173.839



97, 13.224, 177.322



93, 65.729, 134.383



52, 9.106, 177.103



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

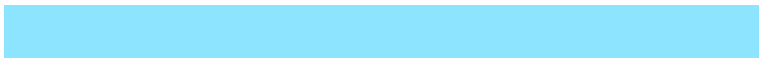
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 40.046, 173.839



92, 46.449, 172.676



86, 29.050, 227.238



52, 5.395, 177.777



69, 54.309, 164.898



23, 23.991, 167.755

Inverse Universe

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



71, 46.917, 4.571



67, 56.104, 6.495



76, 40.356, 42.707



50, 5.567, 359.448



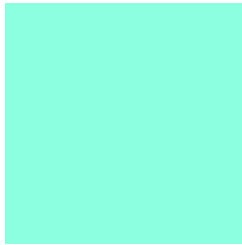
40, 72.089, 24.544



10, 31.633, 15.212

Previews

White Background



This preview shows how the CIE LCh color 93, 40.411, 173.465 looks on a white background.

Color Contrast Check

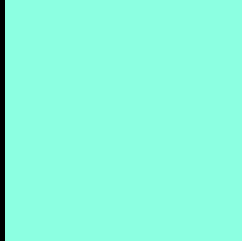
Large Text (above 18pt) WCAG AA × Fail

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, 40.411, 173.465 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

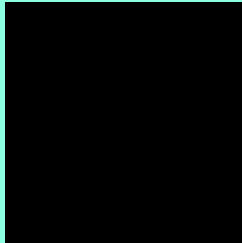
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 93, 40.411, 173.465

Background



This preview shows how black text looks on a background with the CIELCh color 93, 40.411, 173.465.



This preview shows how white text looks on a background with the CIELCh color 93, 40.411, 173.465.

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
92, 17.928, 220.579

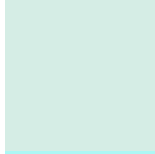
Trichromacy



Original Color
93, 39.911, 173.993



Protanomaly
92, 17.307, 154.987



Deuteranomaly
92, 9.437, 172.811

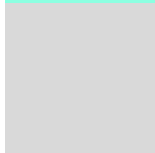


Tritanomaly
92, 24.292, 194.185

Monochromacy



Original Color
93, 39.911, 173.993



Achromatopsia
87, 0.010, 296.813



Achromatomaly
89, 15.762, 176.967

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 40.411, 173.465 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(140, 255, 225)` looks like.

```
.text, #text, p{  
    color:rgb(140, 255, 225)  
}
```

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(140, 255, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 255, 225) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 40.411, 173.465 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(140, 255, 225) }
```

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

```
.border{ border-color:rgb(140, 255, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 255, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 255, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 255, 225);  
box-shadow:4px 4px 4px 4px rgb(140, 255,  
225) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 40.411, 173.465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 255, 225) }
```

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

```
.background{ background-color: rgb(140,  
255, 225) }
```

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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