

Converting Colors

CIELCh(100, 55.441, 161.832)

Have a look what the booklet for
CIELCh(100, 55.441, 161.832)
contains.

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Color

CIELCh(93, 42.057, 170.487)

Conversions

Conversions Part 1

Format	Color
Hex	8BFFDC
RGB	139, 255, 220
RGB Percent	55%, 100%, 86%
CMY	0.4541, 0.0000, 0.1367
CMYK	0.45, 0.00, 0.14, 0.00
HSL	162°, 100%, 77%
HSV	162°, 45%, 100%
XYZ	59.7615, 82.9670, 80.6795
YIQ	216.3260, -57.9010, -35.4770

Conversions

Conversions Part 2

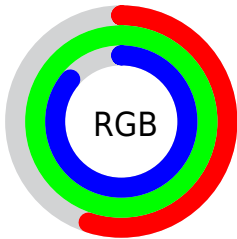
Format	Color
RYB	139, 207, 255
Decimal	9175004
CIELab	93.00, -41.48, 6.95
CIELCh	93, 42.057, 170.487
Yxy	82.9670, 0.2675, 0.3714
Android (android.graphics.Color)	4287365084 (0xFF8BFFDC)
YUV	216.3260, 1.8113, -67.8149
Hunter-Lab	91.0862, -42.2874, 11.2443

Details

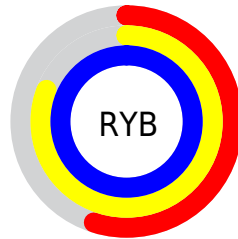
The CIELCh color **93, 42.057, 170.487** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **71, 47.551, 1.801**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 18.709, 198.269**, and **73, 41.802, 170.824** is the 20% darker color. If you saturate the color by 10%, you get **92, 49.021, 169.645**, and if you desaturate by 10%, it is **94, 33.127, 172.274**.

Distribution



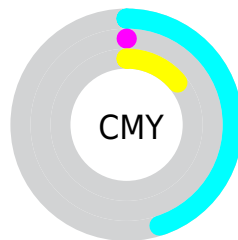
- Red (55%)
- Green (100%)
- Blue (86%)



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



- Cyan (45%)
- Magenta (0%)
- Yellow (14%)
- Black (0%)





- Cyan (45%)
- Magenta (0%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 93, 42.057, 170.487 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, 42.057, 170.487 by changing the saturation by 10% instead.


 93, 42.057,
170.487


 93, 42.057,
170.487


 100, 42.057,
170.487


 83, 42.057,
170.487

 73, 42.057,
170.487

 63, 42.057,
170.487

 53, 42.057,
170.487

 43, 42.057,
170.487

 33, 42.057,
170.487

 23, 42.057,

170.487

■ 13, 42.057,
170.487

■ 3, 42.057, 170.487

■ 93, 42.057,
170.487

■ 93, 42.057,
170.487

■ 92, 49.021,
169.645

■ 94, 33.127,
172.274

■ 91, 55.693,
168.104

■ 95, 24.212,
173.414

■ 90, 61.371,
166.378

■ 97, 14.872,
174.470

■ 90, 66.033,
164.450

■ 99, 5.261, 175.507

100, 0.012,

■ 89, 69.752,
162.321

296.813

■ 89, 71.252,
161.313

Harmonies

Complementary

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



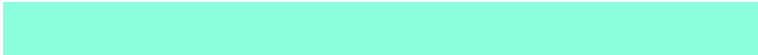
93, 42.057, 170.487



71, 47.551, 1.801

Rectangle

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



93, 42.057, 170.487



93, 42.057, 220.487



93, 42.057, 350.487



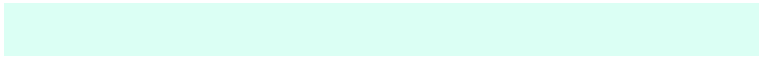
93, 42.057, 40.487

Sweetspot

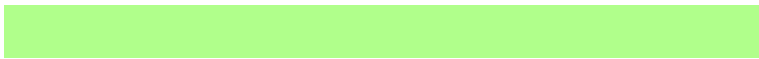
The Sweet Spot groups the original color and five complimentary colors.



93, 41.451, 171.026



97, 13.528, 174.615



93, 65.036, 132.923



52, 9.320, 174.393



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

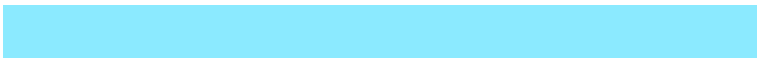
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 41.451, 171.026



92, 48.004, 169.849



88, 29.583, 219.993



52, 5.514, 175.073



69, 57.013, 161.725



23, 25.049, 164.724

Inverse Universe

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



71, 47.551, 1.801



67, 56.419, 3.615



75, 41.766, 38.178



50, 5.669, 356.750



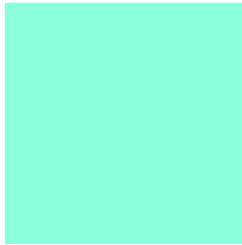
40, 70.652, 21.179



10, 31.457, 12.685

Previews

White Background



This preview shows how the CIE LCh color 93, 42.057, 170.487 looks on a white background.

Color Contrast Check

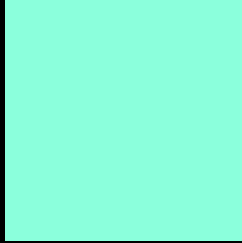
Large Text (above 18pt) WCAG AA × Fail

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, 42.057, 170.487 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

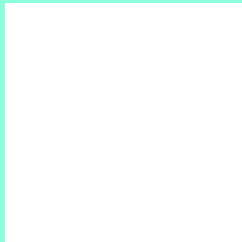
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 42.057, 170.487

Background



This preview shows how black text looks on a background with the CIELCh color 93, 42.057, 170.487.

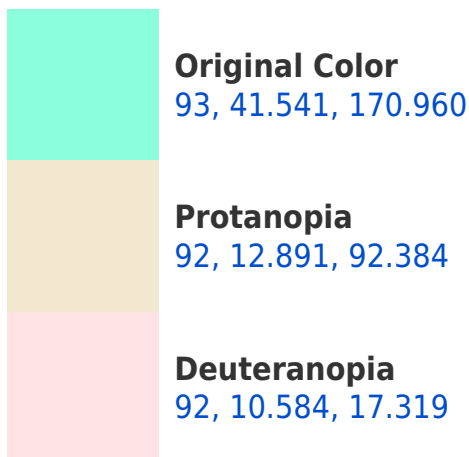


This preview shows how white text looks on a background with the CIELCh color 93, 42.057, 170.487.

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, 18.204, 220.211

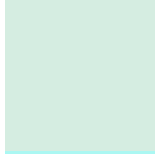
Trichromacy



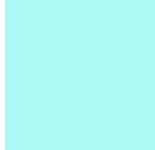
Original Color
93, 41.541, 170.960



Protanomaly
92, 19.240, 149.553



Deuteranomaly
92, 10.577, 162.839

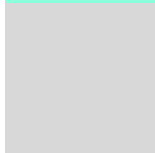


Tritanomaly
92, 24.791, 191.807

Monochromacy



Original Color
93, 41.541, 170.960



Achromatopsia
86, 0.010, 296.813



Achromatomaly
88, 16.004, 175.252

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 42.057, 170.487 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(139, 255, 220)` looks like.

```
.text, #text, p{  
    color:rgb(139, 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(139, 255, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 255, 220) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 42.057, 170.487 is called "border". The border property can be set on classes, ids or directly on the HTML element.

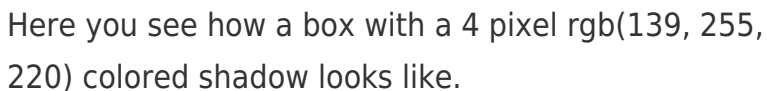
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(139, 255, 220) }
```

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

```
.border{ border-color:rgb(139, 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(139, 255, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 255, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 255, 220);  
box-shadow:4px 4px 4px 4px rgb(139, 255,  
220) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 42.057, 170.487 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 255, 220) }
```

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

```
.background{ background-color: rgb(139,  
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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