

Converting Colors

CIELCh(100, 56.327, 156.306)

Have a look what the booklet for
CIELCh(100, 56.327, 156.306)
contains.

CIELCh(93, 42.484, 162.855)	3
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Color

CIElCh(93, 42.484, 162.855)

Conversions

Conversions Part 1

Format	Color
Hex	96FFD1
RGB	150, 255, 209
RGB Percent	59%, 100%, 82%
CMY	0.4100, 0.0000, 0.1787
CMYK	0.41, 0.00, 0.18, 0.00
HSL	154°, 100%, 80%
HSV	154°, 41%, 100%
XYZ	60.1317, 82.9670, 73.4534
YIQ	218.3610, -47.8140, -36.5660

Conversions

Conversions Part 2

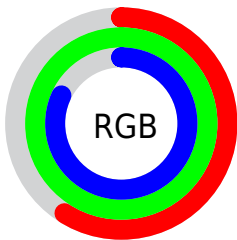
Format	Color
RYB	150, 217, 255
Decimal	9895889
CIELab	93.00, -40.60, 12.52
CIELCh	93, 42.484, 162.855
Yxy	82.9670, 0.2777, 0.3831
Android (android.graphics.Color)	4288085969 (0xFF96FFD1)
YUV	218.3610, -4.6150, -59.9526
Hunter-Lab	91.0862, -41.5620, 15.9480

Details

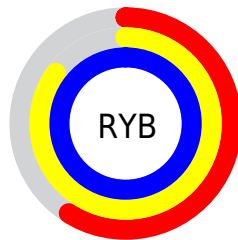
The CIELCh color **93, 42.484, 162.855** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **74, 45.214, 351.783**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 15.627, 198.466**, and **73, 42.465, 162.990** is the 20% darker color. If you saturate the color by 10%, you get **92, 51.476, 161.641**, and if you desaturate by 10%, it is **94, 32.392, 164.231**.

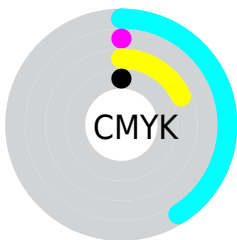
Distribution



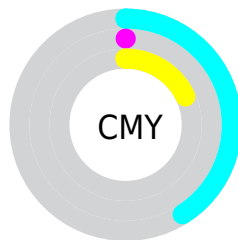
- Red (59%)
- Green (100%)
- Blue (82%)



- Red (59%)
- Yellow (85%)
- Blue (100%)



- Cyan (41%)
- Magenta (0%)
- Yellow (18%)
- Black (0%)





- Cyan (41%)
- Magenta (0%)
- Yellow (18%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 93, 42.484, 162.855 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, 42.484, 162.855 by changing the saturation by 10% instead.


 93, 42.484,
162.855


 93, 42.484,
162.855


 100, 42.484,
162.855


 83, 42.484,
162.855

 73, 42.484,
162.855

 63, 42.484,
162.855

 53, 42.484,
162.855

 43, 42.484,
162.855

 33, 42.484,
162.855

 23, 42.484,

162.855

■ 13, 42.484,
162.855

■ 3, 42.484, 162.855

■ 93, 42.484,
162.855

■ 93, 42.484,
162.855

■ 92, 51.476,
161.641

■ 94, 32.392,
164.231

■ 91, 59.949,
160.094

■ 96, 22.139,
165.326

■ 90, 67.504,
158.345

■ 98, 11.643,
166.329

■ 89, 74.056,
156.380

■ 100, 1.050,
167.669

■ 89, 79.607,
154.200

100, 0.012,
296.813

■ 89, 83.902,
152.119

Harmonies

Complementary

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



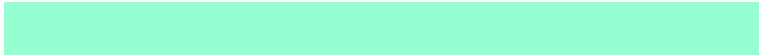
93, 42.484, 162.855



74, 45.214, 351.783

Rectangle

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



93, 42.484, 162.855



93, 42.484, 212.855



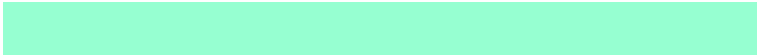
93, 42.484, 342.855



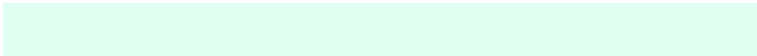
93, 42.484, 32.855

Sweetspot

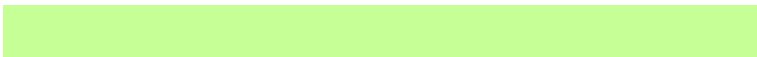
The Sweet Spot groups the original color and five complimentary colors.



93, 42.232, 163.011



98, 12.701, 166.231



94, 56.712, 128.875



52, 8.422, 166.103



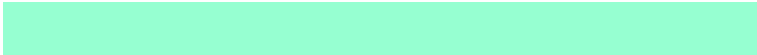
0, 0.000, 0.000



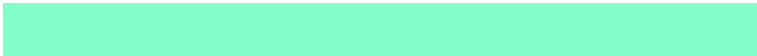
53, 0.007, 296.813

Same Dimension

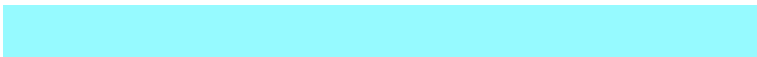
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 42.232, 163.011



92, 49.685, 161.928



93, 30.176, 202.748



52, 6.020, 166.475



68, 67.010, 152.554



23, 29.020, 155.782

Inverse Universe

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



74, 45.214, 351.783



70, 53.729, 353.053



74, 40.907, 27.018



50, 6.122, 348.065



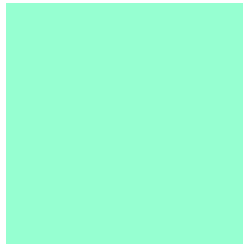
41, 68.033, 8.325



10, 31.415, 1.772

Previews

White Background



This preview shows how the CIELCh color 93, 42.484, 162.855 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, 42.484, 162.855 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, 42.484, 162.855

Background



This preview shows how black text looks on a background with the CIELCh color 93, 42.484, 162.855.

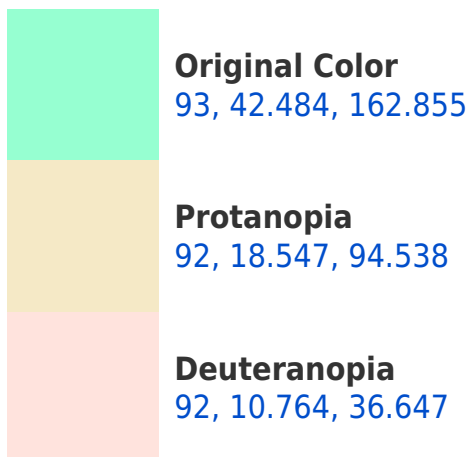


This preview shows how white text looks on a background with the CIELCh color 93, 42.484, 162.855.

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



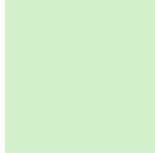


Tritanopia
93, 16.819, 222.181

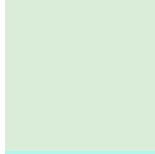
Trichromacy



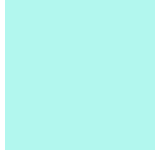
Original Color
93, 42.484, 162.855



Protanomaly
92, 22.925, 137.126



Deuteranomaly
92, 12.639, 143.969

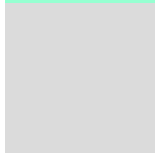


Tritanomaly
93, 23.335, 186.361

Monochromacy



Original Color
93, 42.484, 162.855



Achromatopsia
87, 0.010, 296.813



Achromatomaly
89, 15.866, 166.667

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 42.484, 162.855 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(150, 255, 209)` looks like.

```
.text, #text, p{  
    color:rgb(150, 255, 209)  
}
```

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(150, 255, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 255, 209) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 42.484, 162.855 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(150, 255, 209) }
```

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

```
.border{ border-color:rgb(150, 255, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 255, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 255, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 255, 209);  
box-shadow:4px 4px 4px 4px rgb(150, 255,  
209) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 42.484, 162.855 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 255, 209) }
```

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

```
.background{ background-color: rgb(150,  
255, 209) }
```

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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