

Converting Colors

CIELCh(93, 35.933, 186.147)

Have a look what the booklet for
CIELCh(93, 35.933, 186.147)
contains.

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Color

CIELCh(93, 35.802, 186.284)

Conversions

Conversions Part 1

Format	Color
Hex	8CFEF1
RGB	140, 254, 241
RGB Percent	55%, 100%, 95%
CMY	0.4502, 0.0031, 0.0541
CMYK	0.45, 0.00, 0.05, 0.00
HSL	173°, 99%, 77%
HSV	173°, 45%, 100%
XYZ	62.2616, 82.9670, 96.1068
YIQ	218.4320, -63.7710, -28.2110

Conversions

Conversions Part 2

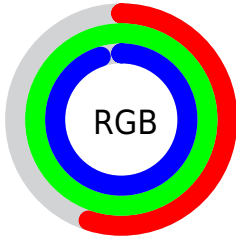
Format	Color
R_{YB}	140, 200, 254
Decimal	9240305
CIE Lab	93.00, -35.59, -3.92
CIE LCh	93, 35.802, 186.284
Yxy	82.9670, 0.2580, 0.3438
Android (android.graphics.Color)	4287430385 (0xFF8CFEF1)
YUV	218.4320, 11.1260, -68.7849
Hunter-Lab	91.0862, -37.3881, 1.2024

Details

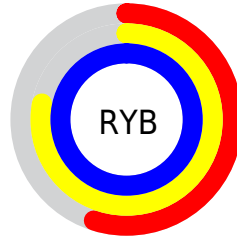
The CIELCh color **93, 35.802, 186.284** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **71, 46.069, 15.745**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 18.406, 198.288**, and **73, 35.810, 186.139** is the 20% darker color. If you saturate the color by 10%, you get **92, 41.790, 185.359**, and if you desaturate by 10%, it is **94, 28.916, 187.164**.

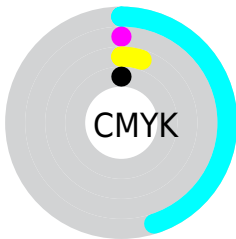
Distribution



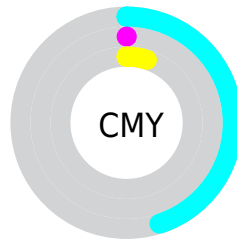
- Red (55%)
- Green (100%)
- Blue (95%)



- Red (55%)
- Yellow (78%)
- Blue (100%)



- Cyan (45%)
- Magenta (0%)
- Yellow (5%)
- Black (0%)





- Cyan (45%)
- Magenta (0%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 93, 35.802, 186.284 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, 35.802, 186.284 by changing the saturation by 10% instead.


 93, 35.802,
186.284


 93, 35.802,
186.284


 100, 35.802,
186.284


 83, 35.802,
186.284

 73, 35.802,
186.284

 63, 35.802,
186.284

 53, 35.802,
186.284

 43, 35.802,
186.284

 33, 35.802,
186.284

 23, 35.802,

186.284

■ 13, 35.802,
186.284

■ 3, 35.802, 186.284

■ 93, 35.802,
186.284

■ 93, 35.802,
186.284

■ 92, 41.790,
185.359

■ 94, 28.916,
187.164

■ 91, 46.763,
184.379

■ 96, 21.273,
188.019

■ 91, 50.654,
183.323

■ 97, 13.029,
188.862

■ 90, 53.464,
182.171

■ 99, 4.332, 189.768

100, 0.503,

■ 90, 55.282,
180.906

323.843

■ 90, 55.952,
180.222

Harmonies

Complementary

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



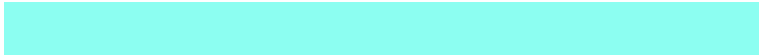
93, 35.802, 186.284



71, 46.069, 15.745

Rectangle

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



93, 35.802, 186.284



93, 35.802, 236.284



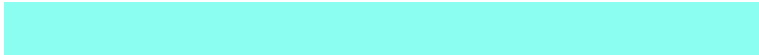
93, 35.802, 6.284



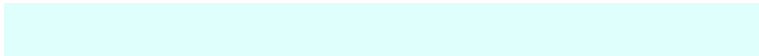
93, 35.802, 56.284

Sweetspot

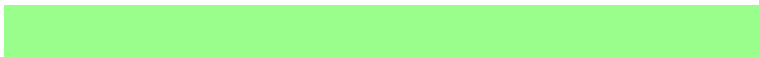
The Sweet Spot groups the original color and five complimentary colors.



93, 35.802, 186.282



98, 11.482, 189.019



92, 68.106, 138.290



52, 7.997, 188.831



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

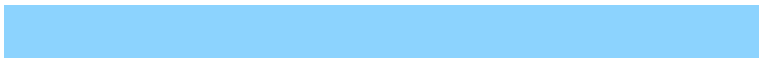
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 35.802, 186.282



92, 41.424, 185.438



81, 30.240, 249.038



52, 5.056, 189.322



70, 45.070, 180.465



23, 20.411, 182.194

Inverse Universe

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



71, 46.069, 15.745



66, 56.460, 17.834



80, 38.121, 57.725



50, 5.303, 10.760



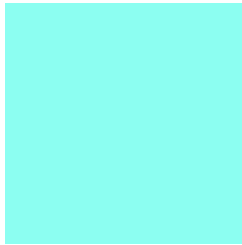
40, 79.294, 35.212



10, 32.506, 22.529

Previews

White Background



This preview shows how the CIE LCh color 93, 35.802, 186.284 looks on a white background.

Color Contrast Check

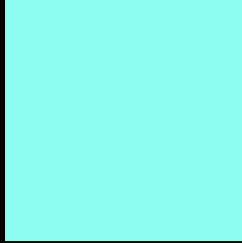
Large Text (above 18pt) WCAG AA × Fail

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, 35.802, 186.284 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, 35.802, 186.284

Background



This preview shows how black text looks on a background with the CIELCh color 93, 35.802, 186.284.



This preview shows how white text looks on a background with the CIELCh color 93, 35.802, 186.284.

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, 17.784, 218.946

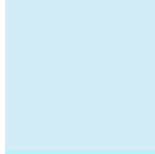
Trichromacy



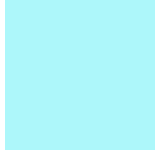
Original Color
93, 35.802, 186.284



Protanomaly
92, 13.309, 182.737



Deuteranomaly
92, 9.950, 223.567

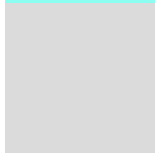


Tritanomaly
93, 23.617, 201.735

Monochromacy



Original Color
93, 35.802, 186.284



Achromatopsia
87, 0.010, 296.813



Achromatomaly
89, 14.675, 188.179

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 35.802, 186.284 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, 254, 241)` looks like.

```
.text, #text, p{  
    color:rgb(140, 254, 241)  
}
```

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, 254, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 254, 241) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 35.802, 186.284 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, 254, 241) }
```

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

```
.border{ border-color:rgb(140, 254, 241) }
```

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

Here you see how a box with a 4 pixel rgb(140, 254, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 254, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 254, 241);  
box-shadow:4px 4px 4px 4px rgb(140, 254,  
241) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 35.802, 186.284 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 254, 241) }
```

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

```
.background{ background-color: rgb(140,  
254, 241) }
```

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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