

Converting Colors

CIELCh(93, 35.171, 199.274)

Have a look what the booklet for
CIELCh(93, 35.171, 199.274)
contains.

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Color

CIElCh(93, 35.264, 198.099)

Conversions

Conversions Part 1

Format	Color
Hex	86FEFF
RGB	134, 254, 255
RGB Percent	53%, 100%, 100%
CMY	0.4756, 0.0049, 0.0010
CMYK	0.48, 0.00, 0.00, 0.00
HSL	180°, 100%, 76%
HSV	180°, 48%, 100%
XYZ	63.1552, 82.9670, 107.0739
YIQ	218.2340, -71.8410, -25.1290

Conversions

Conversions Part 2

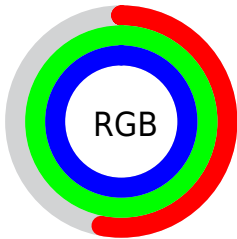
Format	Color
RYB	134, 194, 255
Decimal	8847103
CIELab	93.00, -33.52, -10.96
CIELCh	93, 35.264, 198.099
Yxy	82.9670, 0.2494, 0.3277
Android (android.graphics.Color)	4287037183 (0xFF86FEFF)
YUV	218.2340, 18.1256, -73.8732
Hunter-Lab	91.0862, -35.6368, -5.9364

Details

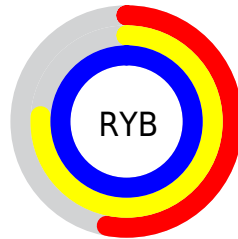
The CIELCh color **93, 35.264, 198.099** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **70, 50.096, 25.249**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 19.913, 198.193**, and **73, 35.254, 197.707** is the 20% darker color. If you saturate the color by 10%, you get **92, 40.247, 197.854**, and if you desaturate by 10%, it is **94, 29.269, 198.415**.

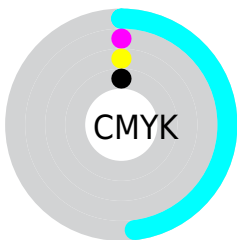
Distribution



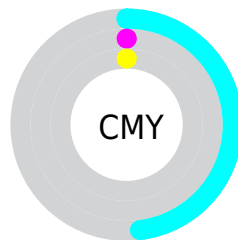
- Red (53%)
- Green (100%)
- Blue (100%)



- Red (53%)
- Yellow (76%)
- Blue (100%)



- Cyan (48%)
- Magenta (0%)
- Yellow (0%)
- Black (0%)





- Cyan (48%)
- Magenta (0%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 93, 35.264, 198.099 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, 35.264, 198.099 by changing the saturation by 10% instead.


 93, 35.264,
198.099


 93, 35.264,
198.099


 100, 35.264,
198.099


 83, 35.264,
198.099

 73, 35.264,
198.099

 63, 35.264,
198.099

 53, 35.264,
198.099

 43, 35.264,
198.099

 33, 35.264,
198.099

 23, 35.264,

198.099

■ 13, 35.264,
198.099

■ 3, 35.264, 198.099

■ 93, 35.264,
198.099

■ 93, 35.264,
198.099

■ 92, 40.247,
197.854

■ 94, 29.269,
198.415

■ 91, 44.138,
197.691

■ 95, 22.382,
198.803

■ 91, 46.910,
197.609

■ 97, 14.744,
199.259

■ 91, 48.606,
197.605

■ 99, 6.498, 199.806

100, 0.075, 31.085

■ 90, 49.364,
197.673

100, 0.120,
109.523

■ 90, 49.477,
197.695

Harmonies

Complementary

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



93, 35.264, 198.099



70, 50.096, 25.249

Rectangle

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



93, 35.264, 198.099



93, 35.264, 248.099



93, 35.264, 18.099



93, 35.264, 68.099

Sweetspot

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



93, 35.264, 198.097



97, 11.927, 199.436



91, 74.480, 140.570



52, 8.182, 199.325



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, 35.264, 198.097



92, 40.055, 197.865



77, 35.972, 264.362



52, 4.904, 199.683



70, 39.890, 197.673



23, 18.377, 197.516

Inverse Universe

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



73, 73.736, 327.189



69, 86.332, 327.601



83, 41.346, 69.410



50, 9.006, 325.168



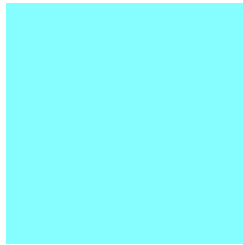
45, 92.483, 328.563



12, 42.580, 328.523

Previews

White Background



This preview shows how the CIE LCh color 93, 35.264, 198.099 looks on a white background.

Color Contrast Check

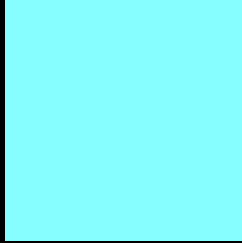
Large Text (above 18pt) WCAG AA × Fail

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, 35.264, 198.099 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

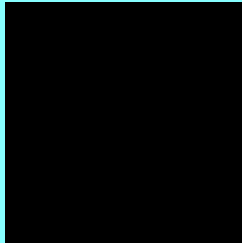
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

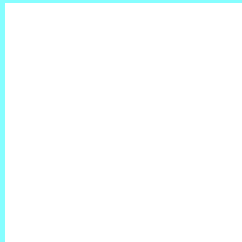
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 35.264, 198.099

Background



This preview shows how black text looks on a background with the CIELCh color 93, 35.264, 198.099.

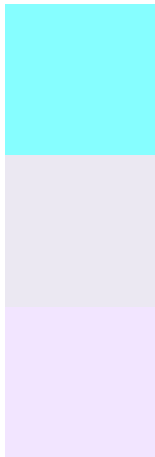


This preview shows how white text looks on a background with the CIELCh color 93, 35.264, 198.099.

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, 35.264, 198.099

Protanopia
92, 5.296, 302.030

Deuteranopia
93, 14.237, 309.521



Tritanopia
93, 18.344, 218.263

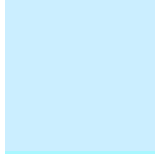
Trichromacy



Original Color
93, 35.264, 198.099



Protanomaly
92, 14.336, 213.272



Deuteranomaly
92, 14.289, 236.973

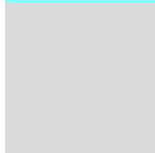


Tritanomaly
93, 24.674, 207.643

Monochromacy



Original Color
93, 35.264, 198.099



Achromatopsia
87, 0.010, 296.813



Achromatomaly
89, 14.881, 198.440

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 35.264, 198.099 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(134, 254, 255)` looks like.

```
.text, #text, p{  
    color:rgb(134, 254, 255)  
}
```

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(134, 254, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 254, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 35.264, 198.099 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(134, 254, 255) }
```

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

```
.border{ border-color:rgb(134, 254, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 254, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 254, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 254, 255);  
box-shadow:4px 4px 4px 4px rgb(134, 254,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 35.264, 198.099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 254, 255) }
```

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

```
.background{ background-color: rgb(134,  
254, 255) }
```

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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