

Converting Colors

CIELCh(93, 33.763, 197.304)

Have a look what the booklet for
CIELCh(93, 33.763, 197.304)
contains.

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Color

CIElCh(93, 33.777, 197.330)

Conversions

Conversions Part 1

Format	Color
Hex	8CFDFD
RGB	140, 253, 253
RGB Percent	55%, 99%, 99%
CMY	0.4507, 0.0076, 0.0076
CMYK	0.45, 0.00, 0.00, 0.01
HSL	180°, 97%, 77%
HSV	180°, 45%, 99%
XYZ	63.7107, 82.9670, 105.6368
YIQ	219.2130, -67.3480, -23.9560

Conversions

Conversions Part 2

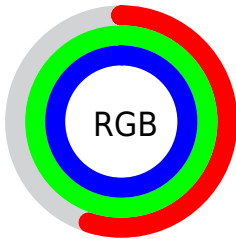
Format	Color
RYB	140, 197, 253
Decimal	9240061
CIELab	93.00, -32.24, -10.06
CIELCh	93, 33.777, 197.330
Yxy	82.9670, 0.2525, 0.3288
Android (android.graphics.Color)	4287430141 (0xFF8CFDFD)
YUV	219.2130, 16.6570, -69.4698
Hunter-Lab	91.0862, -34.5482, -5.0009

Details

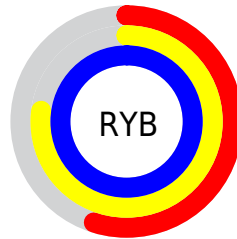
The CIELCh color **93, 33.777, 197.330** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **71, 46.743, 24.180**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 18.406, 198.288**, and **73, 33.810, 196.901** is the 20% darker color. If you saturate the color by 10%, you get **92, 39.089, 197.010**, and if you desaturate by 10%, it is **94, 27.486, 197.711**.

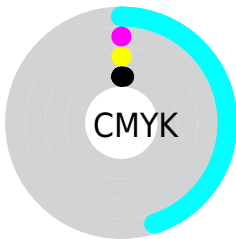
Distribution



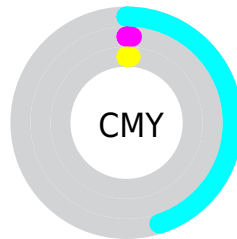
- Red (55%)
- Green (99%)
- Blue (99%)



- Red (55%)
- Yellow (77%)
- Blue (99%)



- Cyan (45%)
- Magenta (0%)
- Yellow (0%)
- Black (1%)





- Cyan (45%)
- Magenta (1%)
- Yellow (1%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 93, 33.777, 197.330 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, 33.777, 197.330 by changing the saturation by 10% instead.


 93, 33.777,
197.330


 93, 33.777,
197.330


 100, 33.777,
197.330


 83, 33.777,
197.330

 73, 33.777,
197.330

 63, 33.777,
197.330

 53, 33.777,
197.330

 43, 33.777,
197.330

 33, 33.777,
197.330

 23, 33.777,

197.330

■ 13, 33.777,
197.330

■ 3, 33.777, 197.330

■ 93, 33.777,
197.330

■ 93, 33.777,
197.330

■ 92, 39.089,
197.010

■ 94, 27.486,
197.711

■ 91, 43.329,
196.760

■ 95, 20.343,
198.156

■ 91, 46.457,
196.578

■ 97, 12.488,
198.665

■ 91, 48.495,
196.459

■ 98, 4.068, 199.305

■ 99, 0.678, 18.462

91, 49.547,
196.398

99, 0.678, 18.433

99, 0.678, 18.404

91, 49.828,
196.382

99, 0.678, 18.375

99, 0.678, 18.347

Harmonies

Complementary

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



93, 33.777, 197.330



71, 46.743, 24.180

Rectangle

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



93, 33.777, 197.330



93, 33.777, 247.330



93, 33.777, 17.330



93, 33.777, 67.330

Sweetspot

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



93, 33.777, 197.328



98, 11.202, 198.756



91, 69.615, 140.536



52, 7.789, 198.634



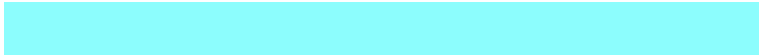
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



93, 33.777, 197.328



93, 39.010, 197.028



78, 33.070, 261.694



52, 4.945, 198.960



70, 40.366, 196.382



24, 18.570, 196.383

Inverse Universe

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



71, 46.743, 24.180



66, 58.401, 26.145



83, 38.213, 68.094



49, 5.254, 19.941



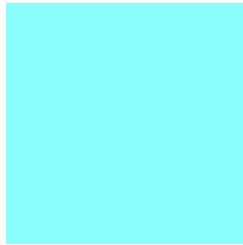
40, 84.228, 39.999



10, 33.367, 27.175

Previews

White Background



This preview shows how the CIE LCh color 93, 33.777, 197.330 looks on a white background.

Color Contrast Check

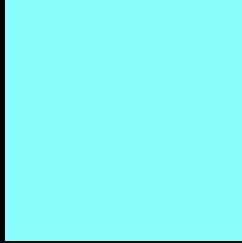
Large Text (above 18pt) WCAG AA × Fail

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, 33.777, 197.330 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, 33.777, 197.330

Background



This preview shows how black text looks on a background with the CIELCh color 93, 33.777, 197.330.

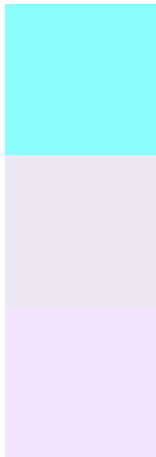


This preview shows how white text looks on a background with the CIELCh color 93, 33.777, 197.330.

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, 33.777, 197.330

Protanopia
93, 4.884, 307.255

Deuteranopia
92, 14.966, 311.434



Tritanopia
93, 17.784, 218.946

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 33.777, 197.330 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, 253, 253)` looks like.

```
.text, #text, p{  
    color:rgb(140, 253, 253)  
}
```

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, 253, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 253, 253) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 33.777, 197.330 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, 253, 253) }
```

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

```
.border{ border-color:rgb(140, 253, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 253, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 253, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 253, 253);  
box-shadow:4px 4px 4px 4px rgb(140, 253,  
253) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 33.777, 197.330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 253, 253) }
```

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

```
.background{ background-color: rgb(140,  
253, 253) }
```

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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