

Converting Colors

CIELCh(93, 26.076, 197.967)

Have a look what the booklet for
CIELCh(93, 26.076, 197.967)
contains.

CIELCh(93, 25.975, 197.787)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIElCh(93, 25.975, 197.787)

Conversions

Conversions Part 1

Format	Color
Hex	A7F9F9
RGB	167, 249, 249
RGB Percent	65%, 98%, 98%
CMY	0.3443, 0.0227, 0.0227
CMYK	0.33, 0.00, 0.00, 0.02
HSL	180°, 88%, 82%
HSV	180°, 33%, 98%
XYZ	67.0478, 82.9670, 102.2695
YIQ	224.4820, -48.8720, -17.3840

Conversions

Conversions Part 2

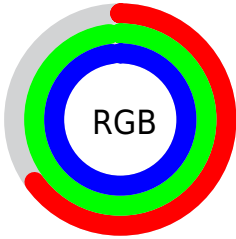
Format	Color
R_{YB}	167, 208, 249
Decimal	11008505
CIE Lab	93.00, -24.73, -7.93
CIE LCh	93, 25.975, 197.787
Yxy	82.9670, 0.2658, 0.3289
Android (android.graphics.Color)	4289198585 (0xFFA7F9F9)
YUV	224.4820, 12.0874, -50.4117
Hunter-Lab	91.0862, -28.0087, -2.8091

Details

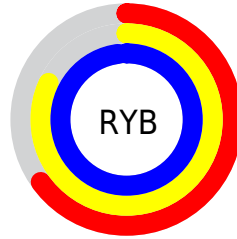
The CIELCh color **93, 25.975, 197.787** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **76, 32.685, 22.316**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 10.172, 198.828**, and **73, 25.825, 198.675** is the 20% darker color. If you saturate the color by 10%, you get **92, 32.348, 197.390**, and if you desaturate by 10%, it is **94, 18.785, 198.239**.

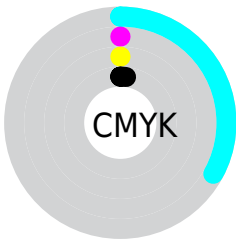
Distribution



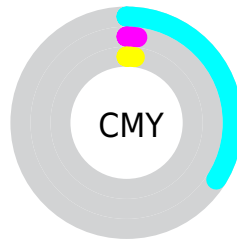
- Red (65%)
- Green (98%)
- Blue (98%)



- Red (65%)
- Yellow (82%)
- Blue (98%)



- Cyan (33%)
- Magenta (0%)
- Yellow (0%)
- Black (2%)



- Cyan (34%)
- Magenta (2%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 25.975, 197.787 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, 25.975, 197.787 by changing the saturation by 10% instead.

■ 93, 25.975,
197.787

■ 93, 25.975,
197.787

■ 100, 25.975,
197.787

■ 83, 25.975,
197.787

■ 73, 25.975,
197.787

■ 63, 25.975,
197.787

■ 53, 25.975,
197.787

■ 43, 25.975,
197.787

■ 33, 25.975,
197.787

■ 23, 25.975,

197.787

■ 13, 25.975,
197.787

■ 3, 25.975, 197.787

■ 93, 25.975,
197.787

■ 93, 25.975,
197.787

■ 92, 32.348,
197.390

■ 94, 18.785,
198.239

■ 91, 37.774,
197.060

■ 96, 10.920,
198.760

■ 90, 42.156,
196.798

■ 97, 2.521, 199.497

■ 90, 45.443,
196.604

■ 98, 2.040, 19.208

■ 98, 2.040, 19.193

■ 90, 47.646,
196.474

■ 98, 2.040, 19.179

■ 89, 48.850,
196.404

■ 98, 2.040, 19.164

■ 89, 49.252,
196.380

■ 98, 2.040, 19.149

■ 98, 2.040, 19.134

Harmonies

Complementary

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



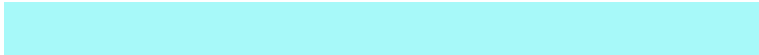
93, 25.975, 197.787



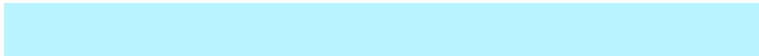
76, 32.685, 22.316

Rectangle

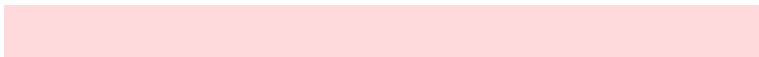
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93, 25.975, 197.787



93, 25.975, 247.787



93, 25.975, 17.787



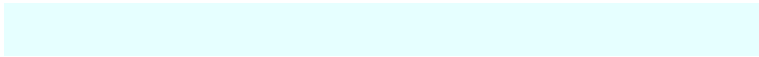
93, 25.975, 67.787

Sweetspot

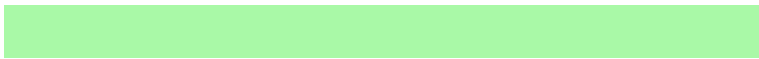
The Sweet Spot groups the original color and five complimentary colors.



93, 25.975, 197.784



98, 8.687, 198.929



91, 51.237, 141.674



52, 5.905, 198.846



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

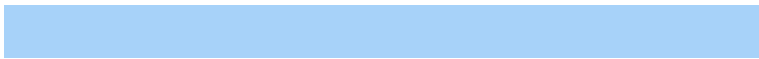
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 25.975, 197.784



94, 30.520, 197.534



82, 24.362, 258.908



51, 4.864, 198.960



69, 39.964, 196.380



23, 18.082, 196.381

Inverse Universe

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



76, 32.685, 22.316



74, 40.330, 23.213



86, 27.000, 69.550



49, 5.167, 19.938



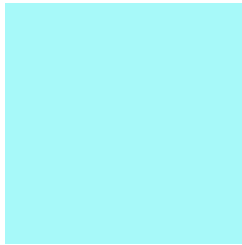
39, 83.390, 39.998



9, 32.195, 26.138

Previews

White Background



This preview shows how the CIE LCh color 93, 25.975, 197.787 looks on a white background.

Color Contrast Check

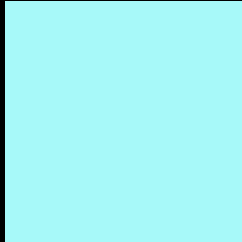
Large Text (above 18pt) WCAG AA × Fail

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, 25.975, 197.787 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

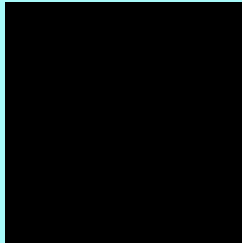
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 93, 25.975, 197.787

Background



This preview shows how black text looks on a background with the CIELCh color 93, 25.975, 197.787.



This preview shows how white text looks on a background with the CIELCh color 93, 25.975, 197.787.

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



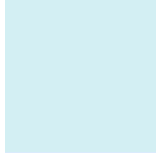


Tritanopia
93, 15.987, 223.537

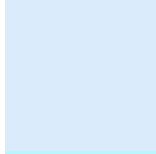
Trichromacy



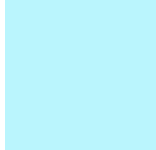
Original Color
93, 25.975, 197.787



Protanomaly
93, 9.714, 211.181

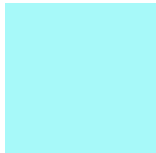


Deuteranomaly
92, 10.378, 257.297

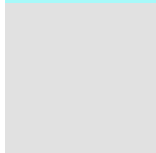


Tritanomaly
93, 19.399, 210.631

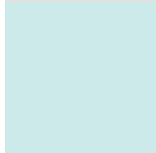
Monochromacy



Original Color
93, 25.975, 197.787



Achromatopsia
90, 0.011, 296.813



Achromatomaly
91, 10.310, 198.771

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 25.975, 197.787 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(167, 249, 249)` looks like.

```
.text, #text, p{  
    color:rgb(167, 249, 249)  
}
```

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(167, 249, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 249, 249) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 25.975, 197.787 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(167, 249, 249) }
```

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

```
.border{ border-color:rgb(167, 249, 249) }
```

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

Here you see how a box with a 4 pixel rgb(167, 249, 249) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 249, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 249, 249);  
box-shadow:4px 4px 4px 4px rgb(167, 249,  
249) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 25.975, 197.787 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 249, 249) }
```

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

```
.background{ background-color: rgb(167,  
249, 249) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor