

Converting Colors

CIELCh(93, 26.701, 204.635)

Have a look what the booklet for
CIELCh(93, 26.701, 204.635)
contains.

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Color

CIELCh(93, 26.523, 204.558)

Conversions

Conversions Part 1	
Format	Color
Hex	A4F9FF
RGB	164, 249, 255
RGB Percent	64%, 98%, 100%
CMY	0.3563, 0.0230, 0.0000
CMYK	0.36, 0.02, 0.00, 0.00
HSL	184°, 100%, 82%
HSV	184°, 36%, 100%
XYZ	67.3236, 82.9670, 107.1841
YIQ	224.2690, -52.5860, -16.1540

Conversions

Conversions Part 2

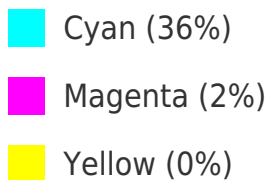
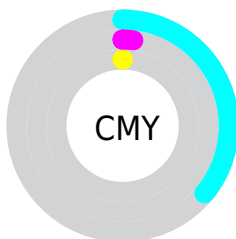
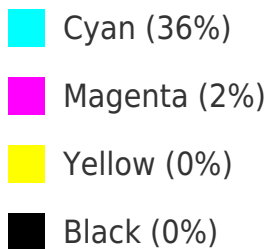
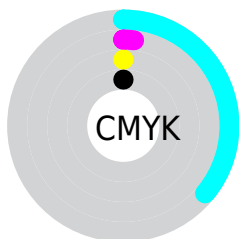
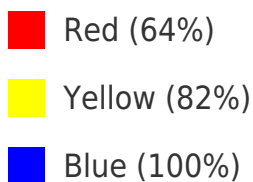
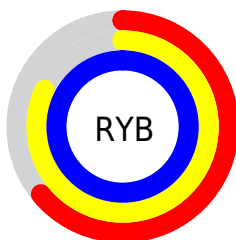
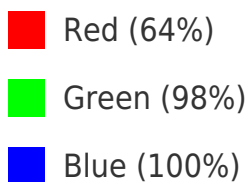
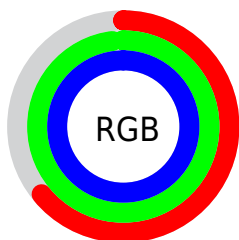
Format	Color
RYB	164, 208, 255
Decimal	10811903
CIELab	93.00, -24.12, -11.02
CIELCh	93, 26.523, 204.558
Yxy	82.9670, 0.2615, 0.3222
Android (android.graphics.Color)	4289001983 (0xFFA4F9FF)
YUV	224.2690, 15.1504, -52.8559
Hunter-Lab	91.0862, -27.4681, -6.0081

Details

The CIELCh color **93, 26.523, 204.558** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **78, 34.418, 27.459**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 11.153, 198.761**, and **73, 26.538, 204.579** is the 20% darker color. If you saturate the color by 10%, you get **91, 32.339, 204.417**, and if you desaturate by 10%, it is **95, 19.879, 204.512**.


Distribution





Brightness & Saturation Gradients


These gradients show how the CIELCh color 93, 26.523, 204.558 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, 26.523, 204.558 by changing the saturation by 10% instead.


 93, 26.523,
204.558


 93, 26.523,
204.558


 100, 26.523,
204.558


 83, 26.523,
204.558

 73, 26.523,
204.558

 63, 26.523,
204.558


 53, 26.523,
204.558

 43, 26.523,
204.558


 33, 26.523,
204.558


 23, 26.523,


204.558


 13, 26.523,
204.558


 3, 26.523, 204.558


 93, 26.523,
204.558


 93, 26.523,
204.558

 91, 32.339,
204.417


 95, 19.879,
204.512

 90, 37.196,
204.576


 97, 12.540,
204.731


 89, 40.999,
204.902


 99, 4.645, 205.100

 88, 43.703,
205.419

100, 0.012,
296.813

 87, 45.326,
206.147

 87, 45.975,
207.099

 86, 46.060,
207.567

Harmonies

Complementary

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



93, 26.523, 204.558



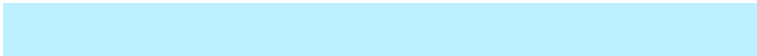
78, 34.418, 27.459

Rectangle

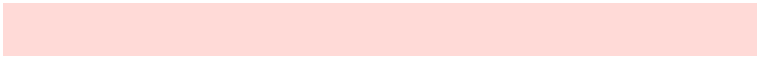
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93, 26.523, 204.558



93, 26.523, 254.558



93, 26.523, 24.558



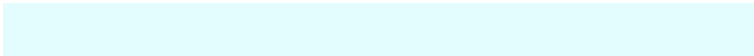
93, 26.523, 74.558

Sweetspot

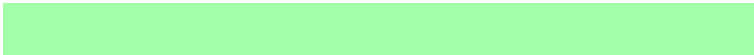
The Sweet Spot groups the original color and five complimentary colors.



93, 26.525, 204.403



98, 8.942, 204.873



93, 54.847, 143.120



52, 5.986, 204.828



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, 26.525, 204.403



92, 30.896, 204.401



81, 28.854, 266.692



52, 4.640, 204.927



67, 37.143, 207.358



22, 17.236, 205.929

Inverse Universe

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



79, 54.261, 328.254



75, 64.879, 328.660



88, 30.950, 75.946



50, 8.667, 326.743



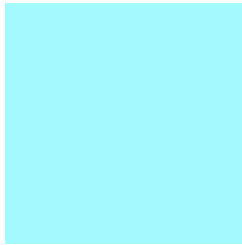
45, 88.477, 330.986



12, 40.953, 330.634

Previews

White Background



This preview shows how the CIE LCh color 93, 26.523, 204.558 looks on a white background.

Color Contrast Check

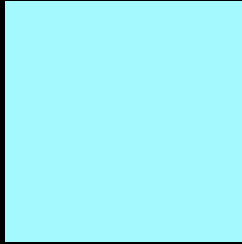
Large Text (above 18pt) WCAG AA × Fail

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, 26.523, 204.558 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

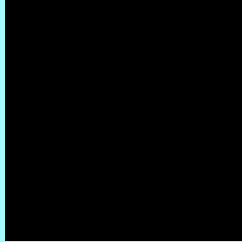
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 93, 26.523, 204.558

Background



This preview shows how black text looks on a background with the CIELCh color 93, 26.523, 204.558.

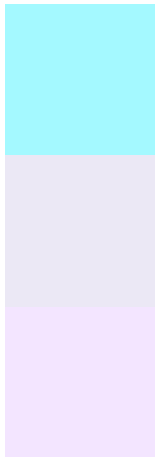


This preview shows how white text looks on a background with the CIELCh color 93, 26.523, 204.558.

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, 26.523, 204.558

Protanopia

93, 6.821, 299.521

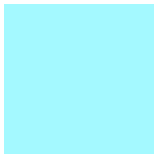
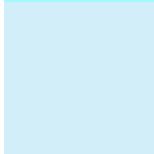
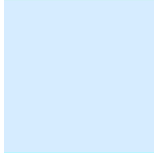
Deuteranopia

93, 14.351, 310.837

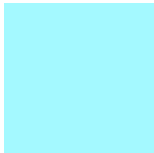


Tritanopia
93, 16.264, 223.069

Trichromacy

	Original Color 93, 26.523, 204.558
	Protanomaly 92, 11.150, 229.665
	Deuteranomaly 92, 12.108, 253.556
	Tritanomaly 93, 20.097, 213.228

Monochromacy

	Original Color 93, 26.523, 204.558
	Achromatopsia 89, 0.011, 296.813
	Achromatomaly 90, 10.633, 204.385

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 26.523, 204.558 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(164, 249, 255)` looks like.

```
.text, #text, p{  
    color:rgb(164, 249, 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(164, 249, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 249, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 26.523, 204.558 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(164, 249, 255) }
```

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

```
.border{ border-color:rgb(164, 249, 255) }
```

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

Here you see how a box with a 4 pixel rgb(164, 249, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 249, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 249, 255);  
box-shadow:4px 4px 4px 4px rgb(164, 249,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 26.523, 204.558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 249, 255) }
```

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

```
.background{ background-color: rgb(164,  
249, 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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