

Converting Colors

CIELCh(94, 31.646, 247.470)

Have a look what the booklet for
CIELCh(94, 31.646, 247.470)
contains.

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Color

CIElCh(93, 24.135, 207.893)

Conversions

Conversions Part 1

Format	Color
Hex	ACF8FF
RGB	172, 248, 255
RGB Percent	67%, 97%, 100%
CMY	0.3266, 0.0285, 0.0000
CMYK	0.33, 0.03, 0.00, 0.00
HSL	185°, 100%, 84%
HSV	185°, 33%, 100%
XYZ	68.5971, 82.9670, 107.6171
YIQ	226.0740, -47.5430, -13.9350

Conversions

Conversions Part 2

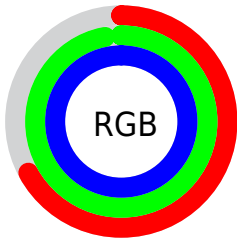
Format	Color
RYB	172, 212, 255
Decimal	11335935
CIELab	93.00, -21.33, -11.29
CIELCh	93, 24.135, 207.893
Yxy	82.9670, 0.2647, 0.3201
Android (android.graphics.Color)	4289526015 (0xFFACF8FF)
YUV	226.0740, 14.2605, -47.4229
Hunter-Lab	91.0862, -24.9725, -6.2900

Details

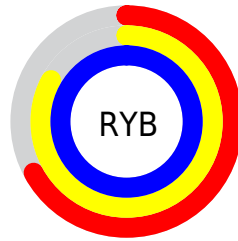
The CIELCh color **93, 24.135, 207.893** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **80, 30.587, 29.009**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 8.521, 198.944**, and **73, 24.039, 206.833** is the 20% darker color. If you saturate the color by 10%, you get **91, 30.074, 207.106**, and if you desaturate by 10%, it is **95, 17.399, 206.997**.

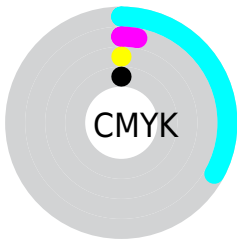
Distribution



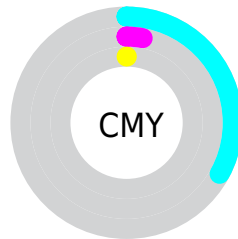
- Red (67%)
- Green (97%)
- Blue (100%)



- Red (67%)
- Yellow (83%)
- Blue (100%)



- Cyan (33%)
- Magenta (3%)
- Yellow (0%)
- Black (0%)





- Cyan (33%)
- Magenta (3%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 93, 24.135, 207.893 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, 24.135, 207.893 by changing the saturation by 10% instead.


 93, 24.135,
207.893


 93, 24.135,
207.893


 100, 24.135,
207.893


 83, 24.135,
207.893

 73, 24.135,
207.893

 63, 24.135,
207.893

 53, 24.135,
207.893

 43, 24.135,
207.893

 33, 24.135,
207.893

 23, 24.135,

207.893

■ 13, 24.135,
207.893

■ 3, 24.135, 207.893

■ 93, 24.135,
207.893

■ 93, 24.135,
207.893

■ 91, 30.074,
207.106

■ 95, 17.399,
206.997

■ 90, 35.119,
207.400

■ 97, 10.035,
207.141

■ 88, 39.153,
207.894

■ 99, 2.165, 207.586

■ 87, 42.112,
208.622

100, 0.012,
296.813

■ 86, 43.990,
209.617

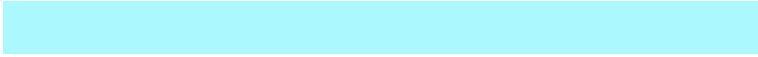
■ 85, 44.867,
210.906

■ 85, 45.031,
212.022

Harmonies

Complementary

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



93, 24.135, 207.893



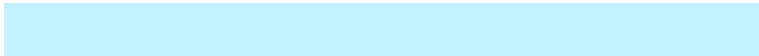
80, 30.587, 29.009

Rectangle

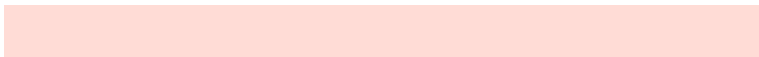
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93, 24.135, 207.893



93, 24.135, 257.893



93, 24.135, 27.893



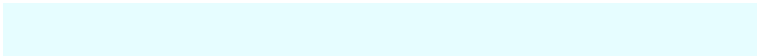
93, 24.135, 77.893

Sweetspot

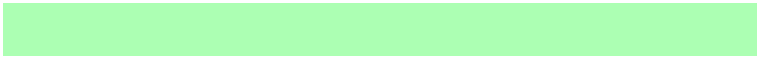
The Sweet Spot groups the original color and five complimentary colors.



93, 24.124, 206.980



98, 7.985, 207.204



93, 49.213, 144.341



52, 5.426, 207.169



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, 24.124, 206.980



92, 27.993, 207.042



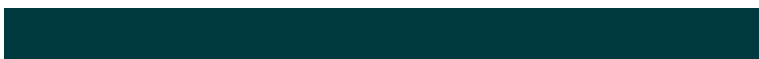
82, 27.514, 269.269



52, 4.546, 207.218



65, 36.318, 211.723



22, 16.872, 209.684

Inverse Universe

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



80, 49.086, 328.792



77, 58.271, 329.159



90, 28.810, 79.541



50, 8.531, 327.418



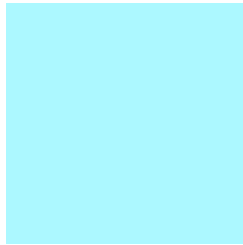
44, 86.903, 332.056



12, 40.311, 331.557

Previews

White Background



This preview shows how the CIE LCh color 93, 24.135, 207.893 looks on a white background.

Color Contrast Check

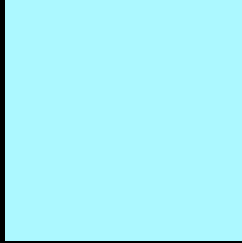
Large Text (above 18pt) WCAG AA × Fail

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, 24.135, 207.893 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

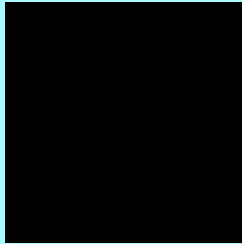
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 93, 24.135, 207.893

Background



This preview shows how black text looks on a background with the CIELCh color 93, 24.135, 207.893.



This preview shows how white text looks on a background with the CIELCh color 93, 24.135, 207.893.

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



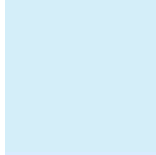


Tritanopia
93, 15.710, 224.023

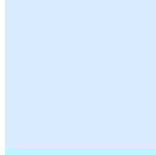
Trichromacy



Original Color
93, 24.116, 206.636



Protanomaly
93, 10.326, 232.471



Deuteranomaly
93, 11.564, 257.512

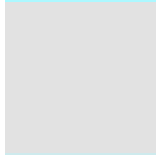


Tritanomaly
93, 18.785, 216.054

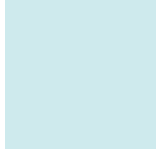
Monochromacy



Original Color
93, 24.116, 206.636



Achromatopsia
90, 0.011, 296.813



Achromatomaly
91, 9.679, 208.122

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 24.135, 207.893 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(172, 248, 255)` looks like.

```
.text, #text, p{  
    color:rgb(172, 248, 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(172, 248, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 248, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 24.135, 207.893 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(172, 248, 255) }
```

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

```
.border{ border-color:rgb(172, 248, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 248, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(172, 248, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(172, 248, 255); box-shadow:4px 4px 4px 4px rgb(172, 248, 255) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 24.135, 207.893 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 248, 255) }
```

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

```
.background{ background-color: rgb(172,  
248, 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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