

Converting Colors

CIELCh(93, 24.561, 201.115)

Have a look what the booklet for
CIELCh(93, 24.561, 201.115)
contains.

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Color

CIElCh(93, 24.445, 201.557)

Conversions

Conversions Part 1

Format	Color
Hex	ABF8FB
RGB	171, 248, 251
RGB Percent	67%, 97%, 98%
CMY	0.3284, 0.0264, 0.0146
CMYK	0.32, 0.01, 0.00, 0.01
HSL	182°, 91%, 83%
HSV	182°, 32%, 99%
XYZ	67.9548, 82.9670, 103.9182
YIQ	225.3190, -46.8550, -15.3910

Conversions

Conversions Part 2

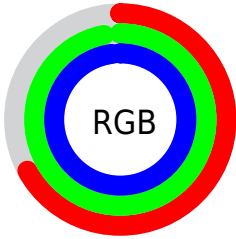
Format	Color
RYB	171, 210, 251
Decimal	11270395
CIELab	93.00, -22.74, -8.98
CIELCh	93, 24.445, 201.557
Yxy	82.9670, 0.2667, 0.3256
Android (android.graphics.Color)	4289460475 (0xFFABF8FB)
YUV	225.3190, 12.6607, -47.6378
Hunter-Lab	91.0862, -26.2311, -3.8823

Details

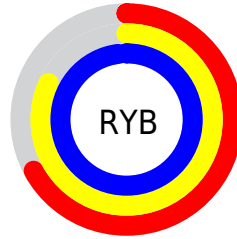
The CIELCh color **93, 24.445, 201.557** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **78, 30.653, 24.943**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 8.853, 198.921**, and **73, 24.360, 202.753** is the 20% darker color. If you saturate the color by 10%, you get **92, 30.688, 201.356**, and if you desaturate by 10%, it is **95, 17.415, 201.843**.

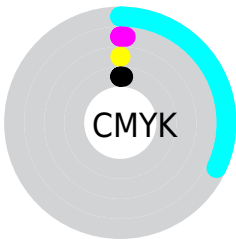
Distribution



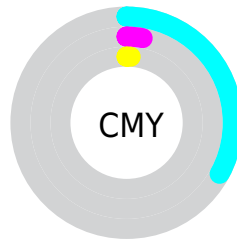
- Red (67%)
- Green (97%)
- Blue (98%)



- Red (67%)
- Yellow (82%)
- Blue (98%)



- Cyan (32%)
- Magenta (1%)
- Yellow (0%)
- Black (1%)





- Cyan (33%)
- Magenta (3%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 93, 24.445, 201.557 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, 24.445, 201.557 by changing the saturation by 10% instead.


 93, 24.445,
201.557


 93, 24.445,
201.557


 100, 24.445,
201.557


 83, 24.445,
201.557

 73, 24.445,
201.557

 63, 24.445,
201.557

 53, 24.445,
201.557

 43, 24.445,
201.557

 33, 24.445,
201.557

 23, 24.445,

201.557

■ 13, 24.445,
201.557

■ 3, 24.445, 201.557

■ 93, 24.445,
201.557

■ 93, 24.445,
201.557

■ 92, 30.688,
201.356

■ 95, 17.415,
201.843

■ 90, 36.013,
201.261

■ 96, 9.738, 202.224

■ 89, 40.313,
201.283

■ 98, 1.550, 202.991

■ 89, 43.524,
201.434

■ 99, 1.104, 39.518

■ 99, 1.107, 70.105

■ 88, 45.641,
201.724

■ 100, 1.383, 94.062

■ 87, 46.737,
202.159

100, 1.810,
108.419

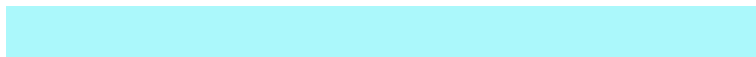
■ 87, 47.046,
202.606

100, 1.882,
109.996

Harmonies

Complementary

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



93, 24.445, 201.557



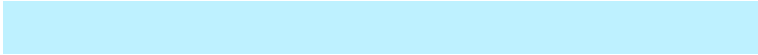
78, 30.653, 24.943

Rectangle

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



93, 24.445, 201.557



93, 24.445, 251.557



93, 24.445, 21.557



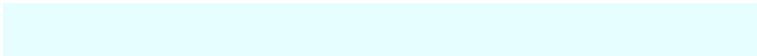
93, 24.445, 71.557

Sweetspot

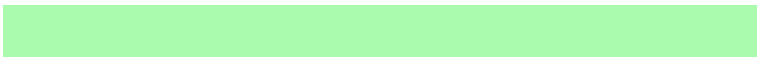
The Sweet Spot groups the original color and five complimentary colors.



93, 24.445, 201.553



98, 8.365, 202.307



92, 49.083, 143.032



52, 5.685, 202.243



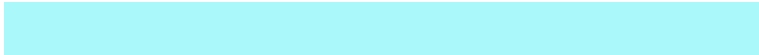
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



93, 24.445, 201.553



93, 28.731, 201.419



82, 25.025, 264.156



51, 4.684, 202.332



67, 37.970, 202.493



22, 17.283, 201.685

Inverse Universe

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



80, 48.931, 327.235



78, 58.784, 327.569



88, 26.866, 74.814



49, 8.684, 325.968



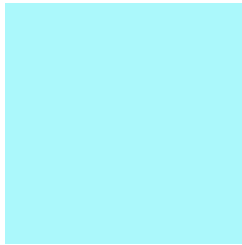
44, 89.488, 329.781



11, 40.639, 329.579

Previews

White Background



This preview shows how the CIE LCh color 93, 24.445, 201.557 looks on a white background.

Color Contrast Check

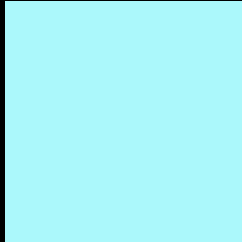
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 93, 24.445, 201.557 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, 24.445, 201.557

Background



This preview shows how black text looks on a background with the CIELCh color 93, 24.445, 201.557.



This preview shows how white text looks on a background with the CIELCh color 93, 24.445, 201.557.

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



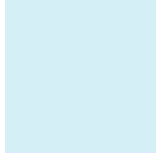


Tritanopia
93, 15.710, 224.023

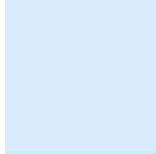
Trichromacy



Original Color
93, 24.445, 201.557



Protanomaly
93, 9.614, 217.761

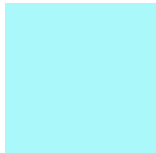


Deuteranomaly
92, 11.084, 261.871

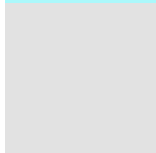


Tritanomaly
93, 18.689, 214.473

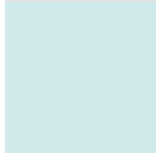
Monochromacy



Original Color
93, 24.445, 201.557



Achromatopsia
90, 0.011, 296.813



Achromatomaly
91, 9.629, 201.925

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 24.445, 201.557 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(171, 248, 251)` looks like.

```
.text, #text, p{  
    color:rgb(171, 248, 251)  
}
```

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(171, 248, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 248, 251) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 24.445, 201.557 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(171, 248, 251) }
```

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

```
.border{ border-color:rgb(171, 248, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 248, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 248, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 248, 251);  
box-shadow:4px 4px 4px 4px rgb(171, 248,  
251) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 24.445, 201.557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 248, 251) }
```

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

```
.background{ background-color: rgb(171,  
248, 251) }
```

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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