

Converting Colors

CIELCh(93, 34.789, 191.932)

Have a look what the booklet for
CIELCh(93, 34.789, 191.932)
contains.

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Color

CIElCh(93, 34.924, 192.109)

Conversions

Conversions Part 1

Format	Color
Hex	8BFEF8
RGB	139, 254, 248
RGB Percent	55%, 100%, 97%
CMY	0.4558, 0.0048, 0.0284
CMYK	0.45, 0.00, 0.02, 0.00
HSL	177°, 98%, 77%
HSV	177°, 45%, 100%
XYZ	62.8830, 82.9670, 101.3190
YIQ	218.9310, -66.6140, -26.2460

Conversions

Conversions Part 2

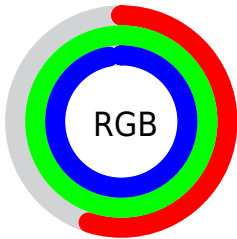
Format	Color
RYB	139, 198, 254
Decimal	9174776
CIELab	93.00, -34.15, -7.33
CIELCh	93, 34.924, 192.109
Yxy	82.9670, 0.2544, 0.3357
Android (android.graphics.Color)	4287364856 (0xFF8BFEF8)
YUV	218.9310, 14.3310, -70.0995
Hunter-Lab	91.0862, -36.1703, -2.1903

Details

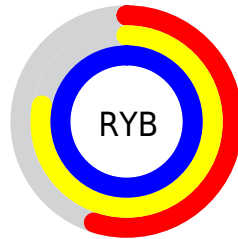
The CIELCh color **93, 34.924, 192.109** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **70, 46.994, 20.490**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 18.709, 198.269**, and **73, 34.892, 192.298** is the 20% darker color. If you saturate the color by 10%, you get **92, 40.451, 191.479**, and if you desaturate by 10%, it is **94, 28.445, 192.746**.

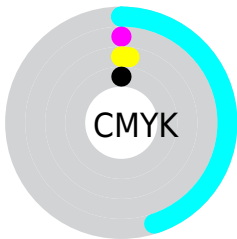
Distribution



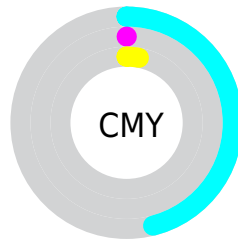
- Red (55%)
- Green (100%)
- Blue (97%)



- Red (55%)
- Yellow (78%)
- Blue (100%)



- Cyan (45%)
- Magenta (0%)
- Yellow (2%)
- Black (0%)





- Cyan (46%)
- Magenta (0%)
- Yellow (3%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 93, 34.924, 192.109 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, 34.924, 192.109 by changing the saturation by 10% instead.


 93, 34.924,
192.109


 93, 34.924,
192.109


 100, 34.924,
192.109


 83, 34.924,
192.109

 73, 34.924,
192.109

 63, 34.924,
192.109

 53, 34.924,
192.109

 43, 34.924,
192.109

 33, 34.924,
192.109

 23, 34.924,

192.109

■ 13, 34.924,
192.109

■ 3, 34.924, 192.109

■ 93, 34.924,
192.109

■ 93, 34.924,
192.109

■ 92, 40.451,
191.479

■ 94, 28.445,
192.746

■ 91, 44.922,
190.855

■ 95, 21.145,
193.401

■ 91, 48.286,
190.224

■ 97, 13.174,
194.082

■ 91, 50.560,
189.572

■ 99, 4.680, 194.847

■ 100, 0.544,

■ 90, 51.843,
188.886

342.565

■ 90, 52.217,
188.556

100, 0.772,
324.068

Harmonies

Complementary

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



93, 34.924, 192.109



70, 46.994, 20.490

Rectangle

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



93, 34.924, 192.109



93, 34.924, 242.109



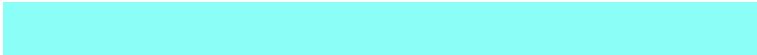
93, 34.924, 12.109



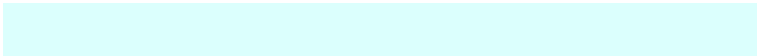
93, 34.924, 62.109

Sweetspot

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



93, 34.924, 192.107



98, 12.129, 194.174



91, 69.719, 139.394



52, 8.327, 194.023



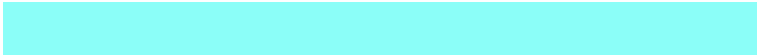
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



93, 34.924, 192.107



93, 39.934, 191.561



79, 31.856, 255.790



52, 4.979, 194.502



70, 42.176, 188.681



24, 19.288, 189.572

Inverse Universe

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



70, 46.994, 20.490



66, 57.343, 22.424



81, 38.570, 62.876



49, 5.259, 15.723



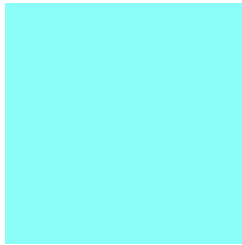
40, 82.038, 38.027



10, 32.948, 25.081

Previews

White Background



This preview shows how the CIE LCh color 93, 34.924, 192.109 looks on a white background.

Color Contrast Check

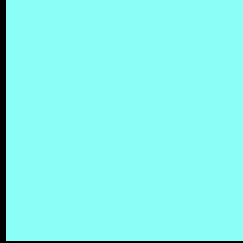
Large Text (above 18pt) WCAG AA × Fail

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, 34.924, 192.109 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, 34.924, 192.109

Background



This preview shows how black text looks on a background with the CIELCh color 93, 34.924, 192.109.

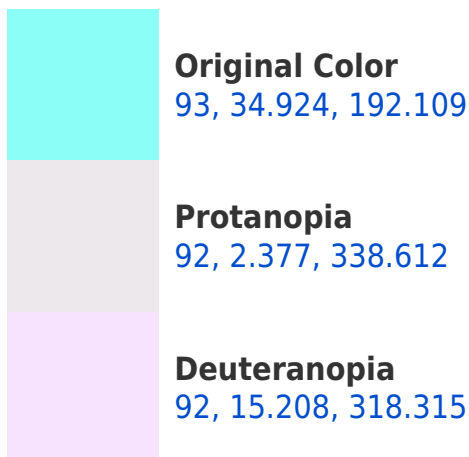



This preview shows how white text looks on a background with the CIELCh color 93, 34.924, 192.109.

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



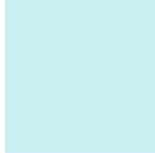


Tritanopia
93, 17.784, 218.946

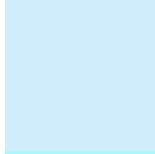
Trichromacy



Original Color
93, 34.924, 192.109



Protanomaly
92, 13.207, 198.583



Deuteranomaly
92, 11.937, 236.411

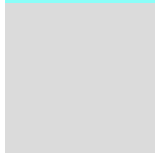


Tritanomaly
93, 23.851, 204.210

Monochromacy



Original Color
93, 34.924, 192.109



Achromatopsia
87, 0.010, 296.813



Achromatomaly
89, 14.445, 192.226

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 34.924, 192.109 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(139, 254, 248)` looks like.

```
.text, #text, p{  
    color:rgb(139, 254, 248)  
}
```

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(139, 254, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 254, 248) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 34.924, 192.109 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(139, 254, 248) }
```

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

```
.border{ border-color:rgb(139, 254, 248) }
```

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

Here you see how a box with a 4 pixel rgb(139, 254, 248) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 254, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 254, 248);  
box-shadow:4px 4px 4px 4px rgb(139, 254,  
248) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 34.924, 192.109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 254, 248) }
```

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

```
.background{ background-color: rgb(139,  
254, 248) }
```

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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