

Converting Colors

CIELCh(92, 35.159, 194.269)

Have a look what the booklet for
CIELCh(92, 35.159, 194.269)
contains.

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Color

CIELCh(92, 35.334, 193.816)

Conversions

Conversions Part 1

Format	Color
Hex	85FBF7
RGB	133, 251, 247
RGB Percent	52%, 98%, 97%
CMY	0.4784, 0.0156, 0.0313
CMYK	0.47, 0.00, 0.02, 0.02
HSL	178°, 94%, 75%
HSV	178°, 47%, 98%
XYZ	60.9651, 80.7044, 100.3688
YIQ	215.2620, -69.0440, -26.2600

Conversions

Conversions Part 2

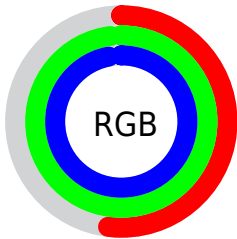
Format	Color
R_{YB}	133, 193, 251
Decimal	8780791
CIE _{Lab}	92.00, -34.31, -8.44
CIE _{LCh}	92, 35.334, 193.816
Y _{xy}	80.7044, 0.2519, 0.3334
Android (android.graphics.Color)	4286970871 (0xFF85FBF7)
YUV	215.2620, 15.6468, -72.1438
Hunter-Lab	89.8356, -36.0770, -3.3568

Details

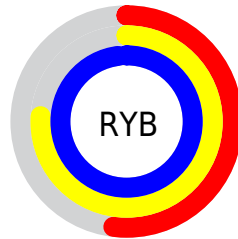
The CIELCh color **92, 35.334, 193.816** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **69, 48.745, 22.171**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 20.212, 198.174**, and **72, 35.346, 194.076** is the 20% darker color. If you saturate the color by 10%, you get **91, 40.540, 193.295**, and if you desaturate by 10%, it is **93, 29.152, 194.362**.

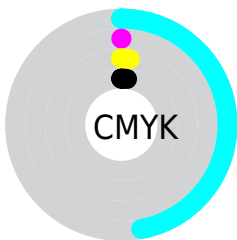
Distribution



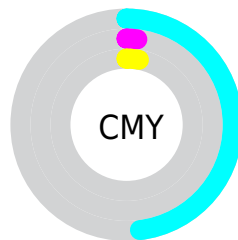
- Red (52%)
- Green (98%)
- Blue (97%)



- Red (52%)
- Yellow (76%)
- Blue (98%)



- Cyan (47%)
- Magenta (0%)
- Yellow (2%)
- Black (2%)





- Cyan (48%)
- Magenta (2%)
- Yellow (3%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 92, 35.334, 193.816 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 92, 35.334, 193.816 by changing the saturation by 10% instead.


 92, 35.334,
193.816


 92, 35.334,
193.816


 100, 35.334,
193.816


 82, 35.334,
193.816

 72, 35.334,
193.816

 62, 35.334,
193.816

 52, 35.334,
193.816

 42, 35.334,
193.816

 32, 35.334,
193.816

 22, 35.334,

193.816

■ 12, 35.334,
193.816

■ 2, 35.334, 193.816

■ 92, 35.334,
193.816

■ 92, 35.334,
193.816

■ 91, 40.540,
193.295

■ 93, 29.152,
194.362

■ 91, 44.679,
192.799

■ 94, 22.119,
194.941

■ 90, 47.715,
192.320

■ 96, 14.378,
195.556

■ 90, 49.681,
191.845

■ 97, 6.076, 196.242

■ 99, 1.408, 13.759

90, 50.699,
191.365

99, 1.517, 357.297

90, 50.902,
191.220

99, 1.731, 343.975

99, 2.017, 333.999

99, 2.348, 326.669

Harmonies

Complementary

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



92, 35.334, 193.816



69, 48.745, 22.171

Rectangle

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



92, 35.334, 193.816



92, 35.334, 243.816



92, 35.334, 13.816



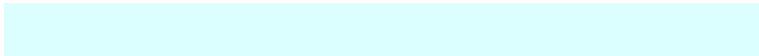
92, 35.334, 63.816

Sweetspot

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



92, 35.334, 193.814



98, 12.086, 195.750



90, 71.863, 139.598



52, 8.295, 195.610



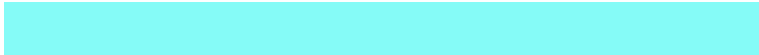
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



92, 35.334, 193.814



93, 40.565, 193.344



77, 33.226, 258.326



51, 4.882, 196.057



69, 41.057, 191.306



23, 18.507, 191.931

Inverse Universe

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



69, 48.745, 22.171



65, 60.066, 24.245



80, 39.929, 64.411



49, 5.167, 17.197



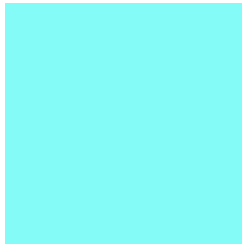
39, 81.905, 38.671



9, 31.949, 24.783

Previews

White Background



This preview shows how the CIE LCh color 92, 35.334, 193.816 looks on a white background.

Color Contrast Check

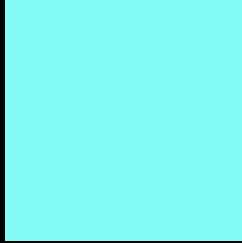
Large Text (above 18pt) WCAG AA × Fail

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 92, 35.334, 193.816 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

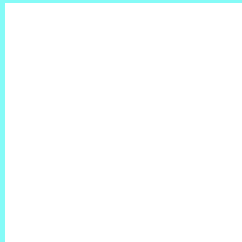
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 35.334, 193.816

Background



This preview shows how black text looks on a background with the CIELCh color 92, 35.334, 193.816.

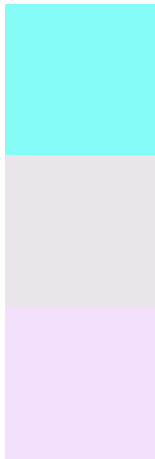


This preview shows how white text looks on a background with the CIELCh color 92, 35.334, 193.816.

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
92, 35.334, 193.816

Protanopia
91, 3.164, 324.468

Deuteranopia
91, 16.490, 314.768



Tritanopia
92, 20.942, 217.097

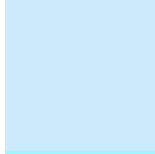
Trichromacy



Original Color
92, 35.334, 193.816



Protanomaly
91, 13.512, 202.987



Deuteranomaly
91, 13.351, 240.403

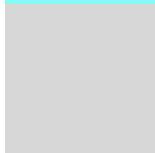


Tritanomaly
92, 26.004, 205.898

Monochromacy



Original Color
92, 35.334, 193.816



Achromatopsia
86, 0.010, 296.813



Achromatomaly
88, 14.642, 196.386

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 35.334, 193.816 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(133, 251, 247)` looks like.

```
.text, #text, p{  
    color:rgb(133, 251, 247)  
}
```

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(133, 251, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 251, 247) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 35.334, 193.816 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(133, 251, 247) }
```

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

```
.border{ border-color:rgb(133, 251, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 251, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 251, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 251, 247);  
box-shadow:4px 4px 4px 4px rgb(133, 251,  
247) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 35.334, 193.816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 251, 247) }
```

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

```
.background{ background-color: rgb(133,  
251, 247) }
```

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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