

Converting Colors

CIELCh(92, 37.994, 174.732)

Have a look what the booklet for
CIELCh(92, 37.994, 174.732)
contains.

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Color

CIELCh(92, 38.010, 174.527)

Conversions

Conversions Part 1

Format	Color
Hex	8FFCE0
RGB	143, 252, 224
RGB Percent	56%, 99%, 88%
CMY	0.4399, 0.0125, 0.1222
CMYK	0.43, 0.00, 0.11, 0.01
HSL	165°, 94%, 77%
HSV	165°, 43%, 99%
XYZ	59.4822, 80.7044, 82.8402
YIQ	216.2170, -55.9760, -31.8160

Conversions

Conversions Part 2

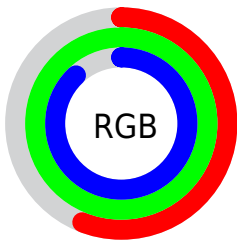
Format	Color
RYB	143, 206, 252
Decimal	9436384
CIELab	92.00, -37.84, 3.63
CIELCh	92, 38.010, 174.527
Yxy	80.7044, 0.2667, 0.3619
Android (android.graphics.Color)	4287626464 (0xFF8FFCE0)
YUV	216.2170, 3.8370, -64.2113
Hunter-Lab	89.8356, -39.0235, 8.2118

Details

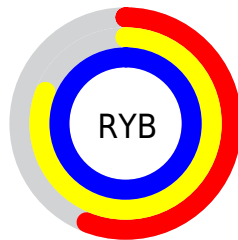
The CIELCh color **92, 38.010, 174.527** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **72, 44.369, 4.632**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 17.795, 198.327**, and **72, 37.942, 174.531** is the 20% darker color. If you saturate the color by 10%, you get **91, 45.269, 173.231**, and if you desaturate by 10%, it is **93, 30.005, 175.706**.

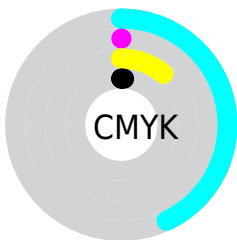
Distribution



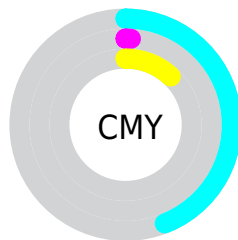
- Red (56%)
- Green (99%)
- Blue (88%)



- Red (56%)
- Yellow (81%)
- Blue (99%)



- Cyan (43%)
- Magenta (0%)
- Yellow (11%)
- Black (1%)





- Cyan (44%)
- Magenta (1%)
- Yellow (12%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 92, 38.010, 174.527 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, 38.010, 174.527 by changing the saturation by 10% instead.


 92, 38.010,
174.527


 92, 38.010,
174.527


 100, 38.010,
174.527


 82, 38.010,
174.527

 72, 38.010,
174.527

 62, 38.010,
174.527

 52, 38.010,
174.527

 42, 38.010,
174.527

 32, 38.010,
174.527

 22, 38.010,

174.527

■ 12, 38.010,
174.527

■ 2, 38.010, 174.527

■ 92, 38.010,
174.527

■ 92, 38.010,
174.527

■ 91, 45.269,
173.231

■ 93, 30.005,
175.706

■ 90, 51.639,
171.798

■ 95, 21.411,
176.797

■ 89, 57.021,
170.201

■ 96, 12.390,
177.823

■ 89, 61.381,
168.418

■ 98, 3.088, 178.909

■ 99, 1.980, 324.355

■ 89, 64.775,
166.440

■ 88, 66.654,
165.038

Harmonies

Complementary

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



92, 38.010, 174.527



72, 44.369, 4.632

Rectangle

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



92, 38.010, 174.527



92, 38.010, 224.527



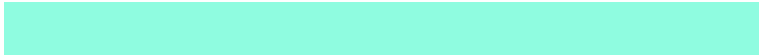
92, 38.010, 354.527



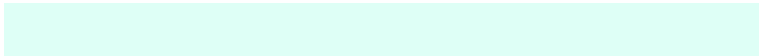
92, 38.010, 44.527

Sweetspot

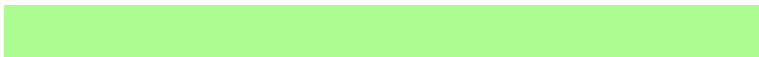
The Sweet Spot groups the original color and five complimentary colors.



92, 38.011, 174.525



98, 12.253, 177.851



92, 62.428, 134.499



52, 8.551, 177.628



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

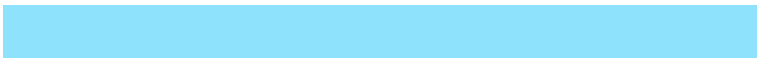
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92, 38.011, 174.525



92, 44.832, 173.400



86, 27.783, 226.955



51, 5.290, 178.206



68, 53.348, 165.435



22, 23.155, 168.406

Inverse Universe

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



72, 44.369, 4.632



68, 54.015, 6.469



77, 37.953, 42.675



49, 5.461, 359.871



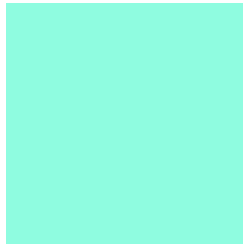
40, 71.585, 24.988



9, 30.731, 14.734

Previews

White Background



This preview shows how the CIE LCh color 92, 38.010, 174.527 looks on a white background.

Color Contrast Check

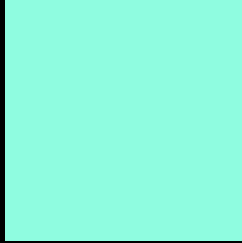
Large Text (above 18pt) WCAG AA × Fail

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, 38.010, 174.527 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

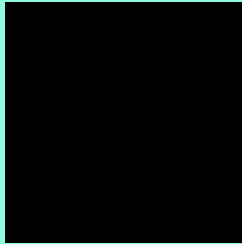
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 92, 38.010, 174.527

Background



This preview shows how black text looks on a background with the CIELCh color 92, 38.010, 174.527.

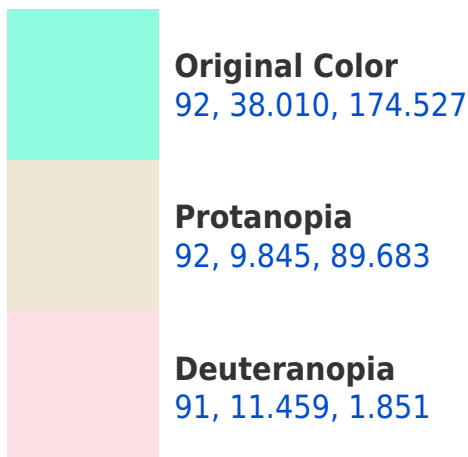


This preview shows how white text looks on a background with the CIELCh color 92, 38.010, 174.527.

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
92, 19.715, 220.035

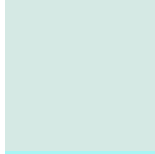
Trichromacy



Original Color
92, 38.010, 174.527



Protanomaly
91, 16.711, 155.440



Deuteranomaly
91, 7.526, 178.804

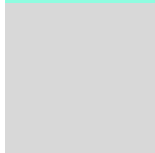


Tritanomaly
92, 24.694, 196.633

Monochromacy



Original Color
92, 38.010, 174.527



Achromatopsia
86, 0.010, 296.813



Achromatomaly
88, 14.946, 177.912

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 38.010, 174.527 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(143, 252, 224)` looks like.

```
.text, #text, p{  
    color:rgb(143, 252, 224)  
}
```

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(143, 252, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 252, 224) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 38.010, 174.527 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(143, 252, 224) }
```

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

```
.border{ border-color:rgb(143, 252, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 252, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(143, 252, 224); -webkit-box-shadow:4px 4px 4px 4px rgb(143, 252, 224); box-shadow:4px 4px 4px 4px rgb(143, 252, 224) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 38.010, 174.527 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 252, 224) }
```

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

```
.background{ background-color: rgb(143,  
252, 224) }
```

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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