

Converting Colors

CIELCh(92, 43.951, 175.237)

Have a look what the booklet for
CIELCh(92, 43.951, 175.237)
contains.

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Color

CIELCh(92, 44.073, 175.239)

Conversions

Conversions Part 1

Format	Color
Hex	7AFFE0
RGB	122, 255, 224
RGB Percent	48%, 100%, 88%
CMY	0.5233, 0.0017, 0.1232
CMYK	0.52, 0.00, 0.12, 0.00
HSL	166°, 99%, 74%
HSV	166°, 52%, 100%
XYZ	56.9795, 80.7044, 82.7956
YIQ	211.6990, -69.3170, -37.8370

Conversions

Conversions Part 2

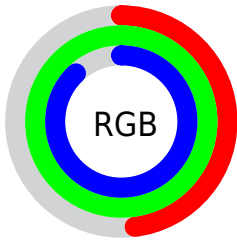
Format	Color
RYB	122, 197, 255
Decimal	8060896
CIELab	92.00, -43.92, 3.66
CIElCh	92, 44.073, 175.239
Yxy	80.7044, 0.2584, 0.3660
Android (android.graphics.Color)	4286250976 (0xFF7AFFE0)
YUV	211.6990, 6.0644, -78.6660
Hunter-Lab	89.8356, -43.9962, 8.2412

Details

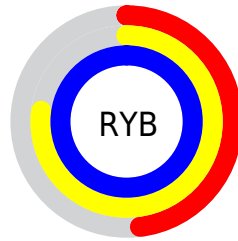
The CIELCh color **92, 44.073, 175.239** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **67, 54.084, 8.342**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 23.419, 197.974**, and **72, 44.172, 175.087** is the 20% darker color. If you saturate the color by 10%, you get **91, 50.363, 173.868**, and if you desaturate by 10%, it is **93, 36.883, 176.481**.

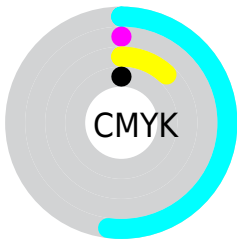
Distribution



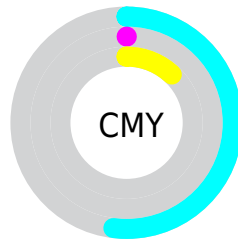
- Red (48%)
- Green (100%)
- Blue (88%)



- Red (48%)
- Yellow (77%)
- Blue (100%)



- Cyan (52%)
- Magenta (0%)
- Yellow (12%)
- Black (0%)





- Cyan (52%)
- Magenta (0%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 92, 44.073, 175.239 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, 44.073, 175.239 by changing the saturation by 10% instead.


 92, 44.073,
175.239


 92, 44.073,
175.239

 100, 44.073,
175.239


 82, 44.073,
175.239

 72, 44.073,
175.239

 62, 44.073,
175.239

 52, 44.073,
175.239

 42, 44.073,
175.239

 32, 44.073,
175.239

 22, 44.073,

175.239

■ 12, 44.073,
175.239

■ 2, 44.073, 175.239

■ 92, 44.073,
175.239

■ 92, 44.073,
175.239

■ 91, 50.363,
173.868

■ 93, 36.883,
176.481

■ 90, 55.650,
172.347

■ 94, 28.932,
177.622

■ 90, 59.896,
170.651

■ 96, 20.383,
178.684

■ 90, 63.150,
168.768

■ 98, 11.394,
179.691

■ 89, 65.149,
167.212

■ 99, 2.113, 180.851
100, 0.279,
323.341

Harmonies

Complementary

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



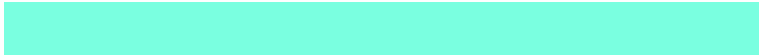
92, 44.073, 175.239



67, 54.084, 8.342

Rectangle

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



92, 44.073, 175.239



92, 44.073, 225.239



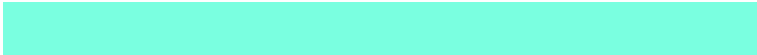
92, 44.073, 355.239



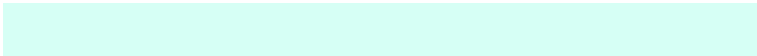
92, 44.073, 45.239

Sweetspot

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



92, 44.074, 175.238



97, 14.825, 179.317



91, 75.943, 134.856



51, 9.978, 179.111



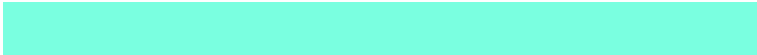
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



92, 44.074, 175.238



91, 50.863, 173.759



83, 32.452, 233.551



52, 5.311, 179.967



69, 52.270, 167.587



23, 23.198, 170.298

Inverse Universe

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



67, 54.084, 8.342



62, 64.967, 11.244



74, 47.154, 45.887



50, 5.497, 1.620



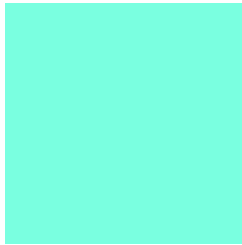
40, 73.380, 27.026



10, 31.794, 16.980

Previews

White Background



This preview shows how the CIELCh color 92, 44.073, 175.239 looks on a white background.

Color Contrast Check

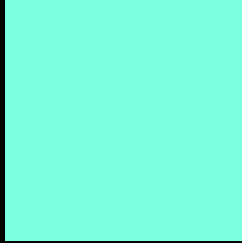
Large Text (above 18pt) WCAG AA × Fail

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, 44.073, 175.239 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

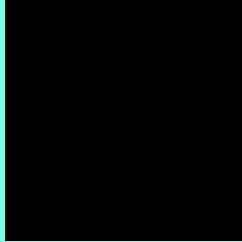
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 92, 44.073, 175.239

Background



This preview shows how black text looks on a background with the CIELCh color 92, 44.073, 175.239.

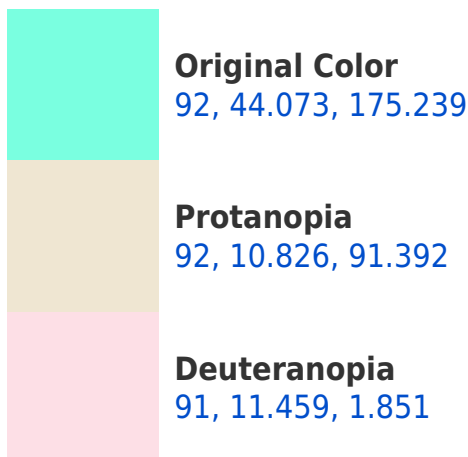


This preview shows how white text looks on a background with the CIELCh color 92, 44.073, 175.239.

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, 21.212, 216.833

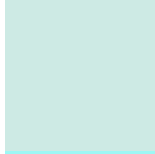
Trichromacy



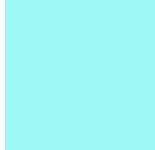
Original Color
92, 44.073, 175.239



Protanomaly
91, 19.754, 159.154



Deuteranomaly
91, 10.621, 181.657

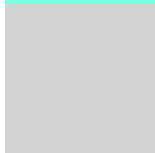


Tritanomaly
92, 28.396, 194.451

Monochromacy



Original Color
92, 44.073, 175.239



Achromatopsia
85, 0.010, 296.813



Achromatomaly
87, 17.955, 179.408

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 44.073, 175.239 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(122, 255, 224)` looks like.

```
.text, #text, p{  
    color:rgb(122, 255, 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(122, 255, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 255, 224) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 44.073, 175.239 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(122, 255, 224) }
```

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

```
.border{ border-color:rgb(122, 255, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 255, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 255, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 255, 224);  
box-shadow:4px 4px 4px 4px rgb(122, 255,  
224) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 44.073, 175.239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 255, 224) }
```

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

```
.background{ background-color: rgb(122,  
255, 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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