

Converting Colors

CIELCh(91, 35.829, 176.678)

Have a look what the booklet for
CIELCh(91, 35.829, 176.678)
contains.

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Color

CIELCh(91, 35.823, 176.696)

Conversions

Conversions Part 1

Format	Color
Hex	90F8E0
RGB	144, 248, 224
RGB Percent	56%, 97%, 88%
CMY	0.4351, 0.0272, 0.1214
CMYK	0.42, 0.00, 0.10, 0.03
HSL	166°, 88%, 77%
HSV	166°, 42%, 97%
XYZ	58.5536, 78.4833, 82.6179
YIQ	214.1680, -54.2800, -29.5120

Conversions

Conversions Part 2

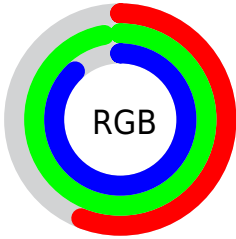
Format	Color
RYB	144, 203, 248
Decimal	9500896
CIELab	91.00, -35.76, 2.06
CIElCh	91, 35.823, 176.696
Yxy	78.4833, 0.2666, 0.3573
Android (android.graphics.Color)	4287690976 (0xFF90F8E0)
YUV	214.1680, 4.8472, -61.5373
Hunter-Lab	88.5908, -37.0553, 6.7210

Details

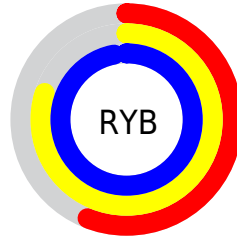
The CIELCh color **91, 35.823, 176.696** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **71, 42.203, 6.312**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 17.489, 198.347**, and **71, 35.779, 176.916** is the 20% darker color. If you saturate the color by 10%, you get **90, 42.879, 175.461**, and if you desaturate by 10%, it is **92, 28.031, 177.828**.

Distribution



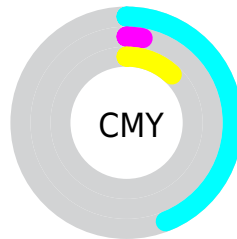
- Red (56%)
- Green (97%)
- Blue (88%)



- Red (56%)
- Yellow (80%)
- Blue (97%)



- Cyan (42%)
- Magenta (0%)
- Yellow (10%)
- Black (3%)





- Cyan (44%)
- Magenta (3%)
- Yellow (12%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 91, 35.823, 176.696 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 91, 35.823, 176.696 by changing the saturation by 10% instead.


 91, 35.823,
176.696


 91, 35.823,
176.696


 100, 35.823,
176.696


 81, 35.823,
176.696


 71, 35.823,
176.696

 61, 35.823,
176.696

 51, 35.823,
176.696

 41, 35.823,
176.696

 31, 35.823,
176.696

 21, 35.823,

176.696

■ 11, 35.823,
176.696

■ 1, 35.823, 176.696

■ 91, 35.823,
176.696

■ 91, 35.823,
176.696

■ 90, 42.879,
175.461

■ 92, 28.031,
177.828

■ 89, 49.056,
174.104

■ 94, 19.655,
178.883


■ 88, 54.253,
172.597

■ 95, 10.853,
179.886

■ 88, 58.432,
170.918

■ 97, 1.768, 181.090

■ 98, 3.414, 335.789

 88, 61.637,
169.054

 98, 4.324, 324.521

 87, 63.677,
167.445

Harmonies

Complementary

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



91, 35.823, 176.696



71, 42.203, 6.312

Rectangle

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



91, 35.823, 176.696



91, 35.823, 226.696



91, 35.823, 356.696



91, 35.823, 46.696

Sweetspot

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



91, 35.824, 176.694



98, 12.080, 179.778



91, 60.423, 135.518



52, 8.428, 179.558



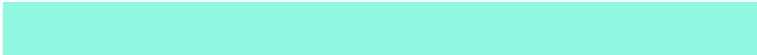
0, 0.000, 0.000



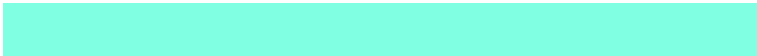
53, 0.007, 296.813

Same Dimension

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



91, 35.824, 176.694



92, 42.513, 175.698



84, 26.690, 231.623



51, 5.218, 180.129



68, 51.593, 167.808



22, 22.489, 170.641

Inverse Universe

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



71, 42.203, 6.312



69, 51.785, 7.986



77, 35.551, 45.917



49, 5.402, 1.777



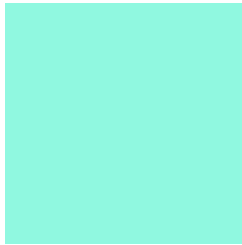
40, 72.715, 27.143



9, 30.845, 16.199

Previews

White Background



This preview shows how the CIE LCh color 91, 35.823, 176.696 looks on a white background.

Color Contrast Check

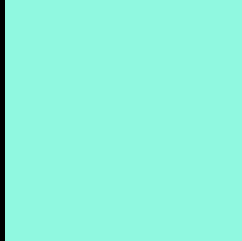
Large Text (above 18pt) WCAG AA × Fail

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 91, 35.823, 176.696 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

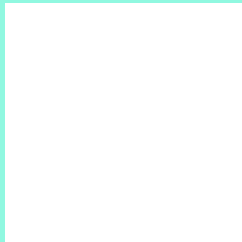
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 35.823, 176.696

Background



This preview shows how black text looks on a background with the CIELCh color 91, 35.823, 176.696.

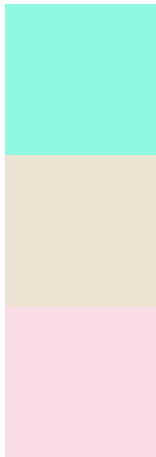


This preview shows how white text looks on a background with the CIELCh color 91, 35.823, 176.696.

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
91, 35.823, 176.696

Protanopia
91, 8.418, 86.323

Deuteranopia
91, 11.150, 355.529



Tritanopia
91, 21.855, 220.698

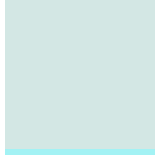
Trichromacy



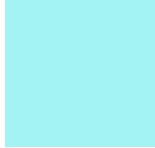
Original Color
91, 35.823, 176.696



Protanomaly
90, 15.146, 157.869



Deuteranomaly
90, 7.205, 186.486

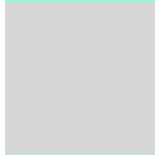


Tritanomaly
91, 25.075, 200.212

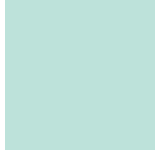
Monochromacy



Original Color
91, 35.823, 176.696



Achromatopsia
86, 0.010, 296.813



Achromatomaly
87, 13.626, 180.558

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 35.823, 176.696 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(144, 248, 224)` looks like.

```
.text, #text, p{  
    color:rgb(144, 248, 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(144, 248, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 248, 224) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 35.823, 176.696 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(144, 248, 224) }
```

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

```
.border{ border-color:rgb(144, 248, 224) }
```

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

Here you see how a box with a 4 pixel rgb(144, 248, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 248, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 248, 224);  
box-shadow:4px 4px 4px 4px rgb(144, 248,  
224) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 35.823, 176.696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 248, 224) }
```

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

```
.background{ background-color: rgb(144,  
248, 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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