

Converting Colors

CIELCh(91, 35.278, 183.690)

Have a look what the booklet for
CIELCh(91, 35.278, 183.690)
contains.

CIELCh(91, 35.213, 183.441)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(91, 35.213, 183.441)

Conversions

Conversions Part 1

Format	Color
Hex	8BF8E8
RGB	139, 248, 232
RGB Percent	55%, 97%, 91%
CMY	0.4547, 0.0273, 0.0900
CMYK	0.44, 0.00, 0.06, 0.03
HSL	171°, 89%, 76%
HSV	171°, 44%, 97%
XYZ	58.8075, 78.4833, 88.4258
YIQ	213.5850, -59.8280, -28.0840

Conversions

Conversions Part 2

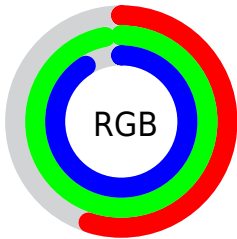
Format	Color
RYB	139, 198, 248
Decimal	9173224
CIELab	91.00, -35.15, -2.11
CIELCh	91, 35.213, 183.441
Yxy	78.4833, 0.2605, 0.3477
Android (android.graphics.Color)	4287363304 (0xFF8BF8E8)
YUV	213.5850, 9.0786, -65.4110
Hunter-Lab	88.5908, -36.5438, 2.8340

Details

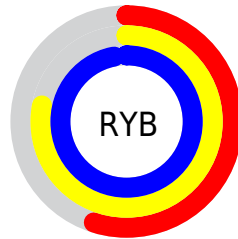
The CIELCh color **91, 35.213, 183.441** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **70, 44.091, 13.064**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 19.012, 198.250**, and **71, 35.217, 183.135** is the 20% darker color. If you saturate the color by 10%, you get **90, 41.413, 182.401**, and if you desaturate by 10%, it is **92, 28.174, 184.415**.

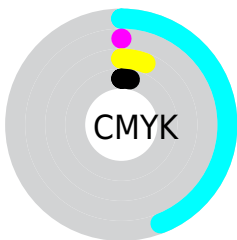
Distribution



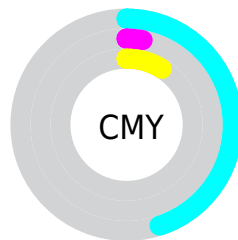
- Red (55%)
- Green (97%)
- Blue (91%)



- Red (55%)
- Yellow (78%)
- Blue (97%)



- Cyan (44%)
- Magenta (0%)
- Yellow (6%)
- Black (3%)





- Cyan (45%)
- Magenta (3%)
- Yellow (9%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 91, 35.213, 183.441 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, 35.213, 183.441 by changing the saturation by 10% instead.


 91, 35.213,
183.441


 91, 35.213,
183.441


 100, 35.213,
183.441


 81, 35.213,
183.441


 71, 35.213,
183.441

 61, 35.213,
183.441

 51, 35.213,
183.441

 41, 35.213,
183.441

 31, 35.213,
183.441

 21, 35.213,

183.441

■ 11, 35.213,
183.441

■ 1, 35.213, 183.441

■ 91, 35.213,
183.441

■ 91, 35.213,
183.441

■ 90, 41.413,
182.401

■ 92, 28.174,
184.415

■ 89, 46.651,
181.283

■ 94, 20.441,
185.347


■ 89, 50.850,
180.063

■ 95, 12.166,
186.253


■ 88, 53.999,
178.718

■ 97, 3.495, 187.234

■ 98, 2.706, 354.814

 88, 56.172,
177.232

 98, 3.877, 329.204

 88, 57.147,
176.281

 98, 4.328, 324.521

Harmonies

Complementary

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



91, 35.213, 183.441



70, 44.091, 13.064

Rectangle

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



91, 35.213, 183.441



91, 35.213, 233.441



91, 35.213, 3.441



91, 35.213, 53.441

Sweetspot

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



91, 35.214, 183.439



98, 11.620, 186.336



90, 64.836, 137.559



52, 8.097, 186.136



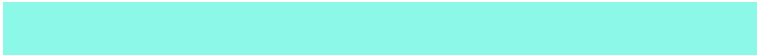
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



91, 35.214, 183.439



92, 41.779, 182.494



81, 28.487, 244.141



51, 5.029, 186.659



69, 46.394, 176.565



22, 20.527, 178.740

Inverse Universe

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



70, 44.091, 13.064



67, 55.073, 15.103



78, 36.634, 54.333



49, 5.254, 8.178



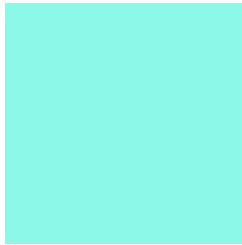
39, 76.829, 33.231



9, 31.256, 20.131

Previews

White Background



This preview shows how the CIE LCh color 91, 35.213, 183.441 looks on a white background.

Color Contrast Check

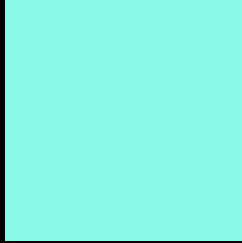
Large Text (above 18pt) WCAG AA × Fail

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, 35.213, 183.441 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

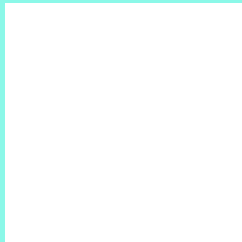
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 35.213, 183.441

Background



This preview shows how black text looks on a background with the CIELCh color 91, 35.213, 183.441.

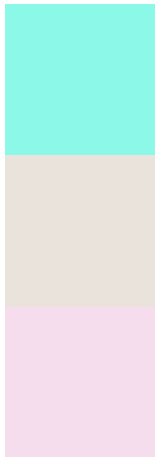


This preview shows how white text looks on a background with the CIELCh color 91, 35.213, 183.441.

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, 35.213, 183.441

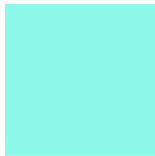
Protanopia
91, 4.403, 74.598

Deuteranopia
90, 12.319, 334.589



Tritanopia
91, 22.504, 218.524

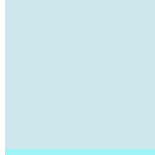
Trichromacy



Original Color
91, 35.213, 183.441



Protanomaly
90, 13.878, 174.166



Deuteranomaly
90, 8.903, 215.942

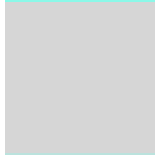


Tritanomaly
91, 26.067, 202.381

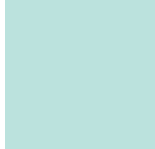
Monochromacy



Original Color
91, 35.213, 183.441



Achromatopsia
86, 0.010, 296.813



Achromatomaly
87, 13.769, 187.492

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 35.213, 183.441 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, 248, 232)` looks like.

```
.text, #text, p{  
    color:rgb(139, 248, 232)  
}
```

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, 248, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 248, 232) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 35.213, 183.441 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, 248, 232) }
```

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

```
.border{ border-color:rgb(139, 248, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 248, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 248, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 248, 232);  
box-shadow:4px 4px 4px 4px rgb(139, 248,  
232) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 35.213, 183.441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 248, 232) }
```

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

```
.background{ background-color: rgb(139,  
248, 232) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor