

Converting Colors

CIELCh(91, 27.375, 211.036)

Have a look what the booklet for
CIELCh(91, 27.375, 211.036)
contains.

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Color

CIELCh(91, 27.376, 211.040)

Conversions

Conversions Part 1

Format	Color
Hex	9BF3FF
RGB	155, 243, 255
RGB Percent	61%, 95%, 100%
CMY	0.3912, 0.0460, 0.0000
CMYK	0.39, 0.05, 0.00, 0.00
HSL	187°, 100%, 80%
HSV	187°, 39%, 100%
XYZ	63.7837, 78.4833, 106.6105
YIQ	218.0560, -56.3000, -14.9240

Conversions

Conversions Part 2

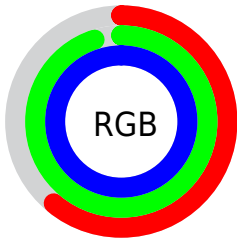
Format	Color
R_{YB}	155, 202, 255
Decimal	10220543
CIE _{Lab}	91.00, -23.46, -14.12
CIE _{LCh}	91, 27.376, 211.040
Yxy	78.4833, 0.2563, 0.3153
Android (android.graphics.Color)	4288410623 (0xFF9BF3FF)
YUV	218.0560, 18.2134, -55.3001
Hunter-Lab	88.5908, -26.5173, -9.3362

Details

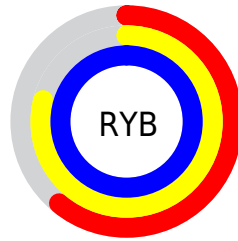
The CIELCh color **91, 27.376, 211.040** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **77, 36.704, 32.101**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 14.050, 198.569**, and **71, 27.381, 210.231** is the 20% darker color. If you saturate the color by 10%, you get **89, 32.624, 211.221**, and if you desaturate by 10%, it is **93, 21.275, 210.477**.

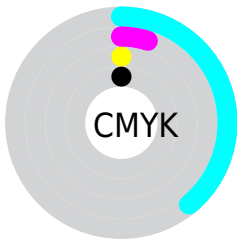
Distribution



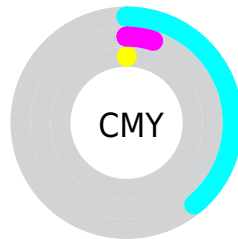
- Red (61%)
- Green (95%)
- Blue (100%)



- Red (61%)
- Yellow (79%)
- Blue (100%)



- Cyan (39%)
- Magenta (5%)
- Yellow (0%)
- Black (0%)



- Cyan (39%)
- Magenta (5%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 27.376, 211.040 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, 27.376, 211.040 by changing the saturation by 10% instead.

■ 91, 27.376,
211.040

■ 91, 27.376,
211.040

■ 100, 27.376,
211.040

■ 81, 27.376,
211.040

■ 71, 27.376,
211.040

■ 61, 27.376,
211.040

■ 51, 27.376,
211.040

■ 41, 27.376,
211.040

■ 31, 27.376,
211.040

■ 21, 27.376,

211.040

■ 11, 27.376,
211.040

■ 1, 27.376, 211.040

■ 91, 27.376,
211.040

■ 91, 27.376,
211.040

■ 89, 32.624,
211.221

■ 93, 21.275,
210.477

■ 87, 36.933,
211.931

■ 95, 14.479,
210.369

■ 86, 40.212,
212.930

■ 98, 7.111, 210.420

■ 85, 42.434,
214.266

100, 0.012,
296.813

■ 83, 43.648,
215.988

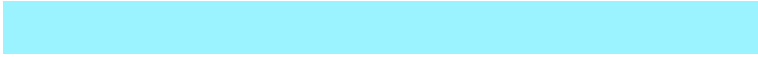
■ 82, 44.036,
218.103

■ 82, 44.056,
218.299

Harmonies

Complementary

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



91, 27.376, 211.040



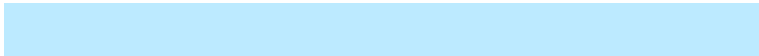
77, 36.704, 32.101

Rectangle

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



91, 27.376, 211.040



91, 27.376, 261.040



91, 27.376, 31.040



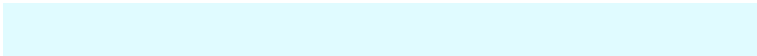
91, 27.376, 81.040

Sweetspot

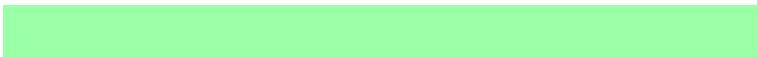
The Sweet Spot groups the original color and five complimentary colors.



91, 27.366, 210.750



97, 9.288, 210.386



92, 57.328, 144.664



51, 6.138, 210.376



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, 27.366, 210.750



90, 31.588, 211.103



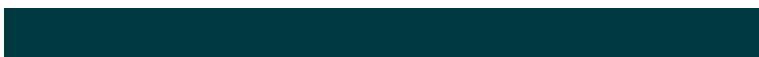
78, 34.399, 273.695



52, 4.431, 210.414



63, 35.525, 217.872



21, 16.492, 214.962

Inverse Universe

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



77, 57.246, 330.162



73, 67.930, 330.637



89, 35.623, 81.682



50, 8.353, 328.351



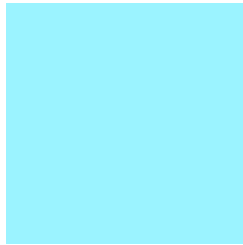
44, 84.859, 333.566



12, 39.474, 332.850

Previews

White Background



This preview shows how the CIE LCh color 91, 27.376, 211.040 looks on a white background.

Color Contrast Check

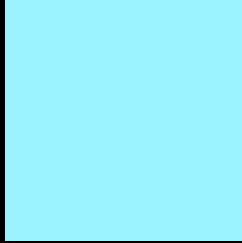
Large Text (above 18pt) WCAG AA × Fail

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, 27.376, 211.040 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

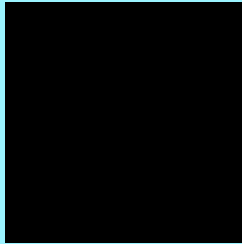
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 91, 27.376, 211.040

Background



This preview shows how black text looks on a background with the CIELCh color 91, 27.376, 211.040.

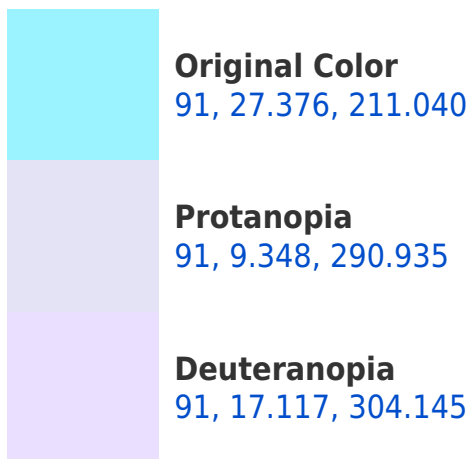


This preview shows how white text looks on a background with the CIELCh color 91, 27.376, 211.040.

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



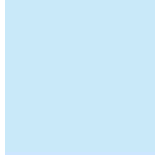


Tritanopia
91, 21.595, 220.997

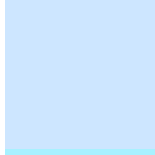
Trichromacy



Original Color
91, 27.376, 211.040



Protanomaly
91, 13.299, 237.682



Deuteranomaly
90, 15.176, 258.270

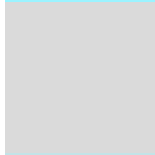


Tritanomaly
91, 23.698, 216.030

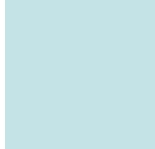
Monochromacy



Original Color
91, 27.376, 211.040



Achromatopsia
87, 0.010, 296.813



Achromatomaly
88, 11.079, 209.639

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 27.376, 211.040 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(155, 243, 255)` looks like.

```
.text, #text, p{  
    color:rgb(155, 243, 255)  
}
```

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(155, 243, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 243, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 27.376, 211.040 is called "border". The border property can be set on classes, ids or directly on the HTML element.

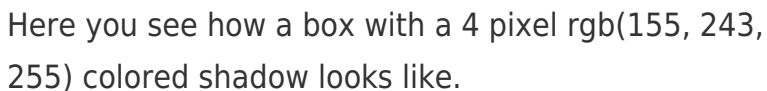
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(155, 243, 255) }
```

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

```
.border{ border-color:rgb(155, 243, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(155, 243, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 243, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 243, 255);  
box-shadow:4px 4px 4px 4px rgb(155, 243,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 27.376, 211.040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 243, 255) }
```

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

```
.background{ background-color: rgb(155,  
243, 255) }
```

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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