

Converting Colors

CIELCh(91, 20.891, 210.033)

Have a look what the booklet for
CIELCh(91, 20.891, 210.033)
contains.

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Color

CIELCh(91, 20.860, 209.697)

Conversions

Conversions Part 1

Format	Color
Hex	B0F0F8
RGB	176, 240, 248
RGB Percent	69%, 94%, 97%
CMY	0.3090, 0.0580, 0.0266
CMYK	0.29, 0.03, 0.00, 0.03
HSL	187°, 84%, 83%
HSV	187°, 29%, 97%
XYZ	66.1446, 78.4833, 100.6355
YIQ	221.7760, -40.7120, -11.0800

Conversions

Conversions Part 2

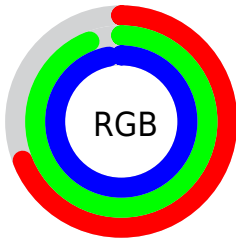
Format	Color
R_{YB}	176, 210, 248
Decimal	11596024
CIE _{Lab}	91.00, -18.12, -10.33
CIE _{LCh}	91, 20.860, 209.697
Yxy	78.4833, 0.2697, 0.3200
Android (android.graphics.Color)	4289786104 (0xFFB0F0F8)
YUV	221.7760, 12.9284, -40.1456
Hunter-Lab	88.5908, -21.7603, -5.3374

Details

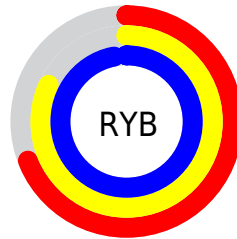
The CIELCh color **91, 20.860, 209.697** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **80, 25.677, 30.769**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 7.521, 199.018**, and **71, 20.895, 210.038** is the 20% darker color. If you saturate the color by 10%, you get **89, 26.861, 209.917**, and if you desaturate by 10%, it is **93, 14.169, 209.625**.

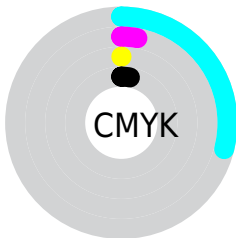
Distribution



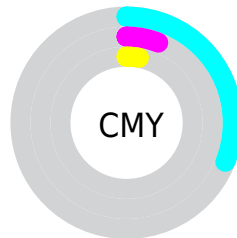
- Red (69%)
- Green (94%)
- Blue (97%)



- Red (69%)
- Yellow (82%)
- Blue (97%)



- Cyan (29%)
- Magenta (3%)
- Yellow (0%)
- Black (3%)



- Cyan (31%)
- Magenta (6%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 20.860, 209.697 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, 20.860, 209.697 by changing the saturation by 10% instead.

91, 20.860,
209.697

91, 20.860,
209.697

100, 20.860,
209.697

81, 20.860,
209.697

71, 20.860,
209.697

61, 20.860,
209.697

51, 20.860,
209.697

41, 20.860,
209.697

31, 20.860,
209.697

21, 20.860,

209.697

■ 11, 20.860,
209.697

■ 1, 20.860, 209.697

■ 91, 20.860,
209.697

■ 91, 20.860,
209.697

■ 89, 26.861,
209.917

■ 93, 14.169,
209.625

■ 87, 32.043,
210.330

■ 95, 6.916, 209.710

■ 86, 36.293,
210.970

■ 98, 0.778, 28.905

■ 99, 2.015, 68.804

■ 84, 39.531,
211.881

■ 100, 2.943,
103.001

■ 83, 41.730,
213.110

■ 100, 3.435,
109.899

■ 82, 42.933,
214.701

■ 81, 43.315,
216.660

■ 81, 43.337,
216.863

Harmonies

Complementary

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



91, 20.860, 209.697



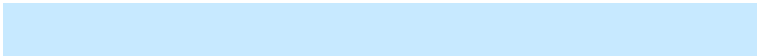
80, 25.677, 30.769

Rectangle

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



91, 20.860, 209.697



91, 20.860, 259.697



91, 20.860, 29.697



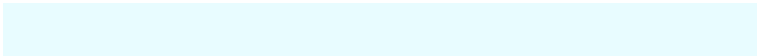
91, 20.860, 79.697

Sweetspot

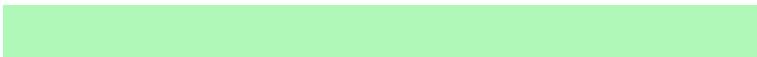
The Sweet Spot groups the original color and five complimentary colors.



91, 20.860, 209.693



98, 7.061, 209.710



92, 42.322, 145.170



52, 4.888, 209.685



0, 0.000, 0.000



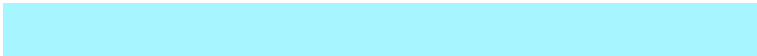
53, 0.007, 296.813

Same Dimension

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



91, 20.860, 209.693



92, 25.084, 209.808



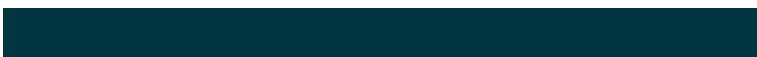
82, 24.365, 270.040



51, 4.382, 209.701



63, 35.314, 216.477



20, 16.138, 213.637

Inverse Universe

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



80, 42.047, 329.328



79, 51.668, 329.693



89, 25.185, 81.590



49, 8.254, 328.143



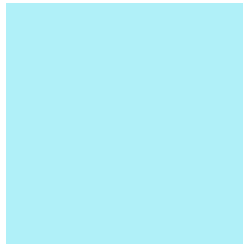
44, 84.459, 333.222



11, 38.634, 332.525

Previews

White Background



This preview shows how the CIE LCh color 91, 20.860, 209.697 looks on a white background.

Color Contrast Check

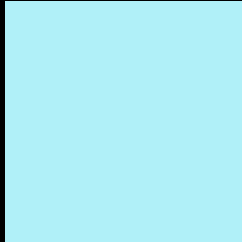
Large Text (above 18pt) WCAG AA × Fail

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, 20.860, 209.697 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

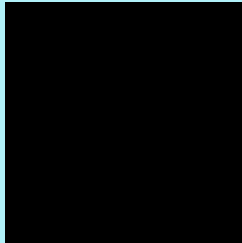
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 91, 20.860, 209.697

Background



This preview shows how black text looks on a background with the CIELCh color 91, 20.860, 209.697.



This preview shows how white text looks on a background with the CIELCh color 91, 20.860, 209.697.

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



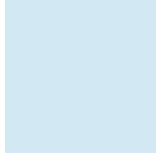


Tritanopia
91, 19.157, 226.000

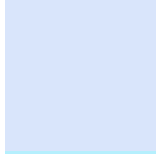
Trichromacy



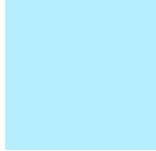
Original Color
91, 20.860, 209.697



Protanomaly
91, 9.298, 237.034

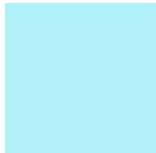


Deuteranomaly
91, 12.025, 271.412

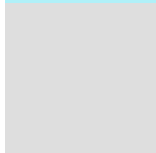


Tritanomaly
91, 19.729, 220.049

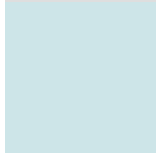
Monochromacy



Original Color
91, 20.860, 209.697



Achromatopsia
88, 0.011, 296.813



Achromatomaly
89, 8.398, 209.674

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 20.860, 209.697 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(176, 240, 248)` looks like.

```
.text, #text, p{  
    color:rgb(176, 240, 248)  
}
```

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(176, 240, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 240, 248) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 20.860, 209.697 is called "border". The border property can be set on classes, ids or directly on the HTML element.

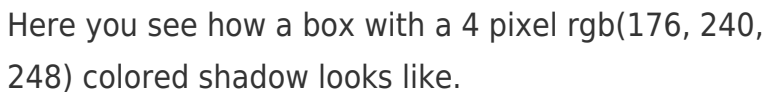
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(176, 240, 248) }
```

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

```
.border{ border-color:rgb(176, 240, 248) }
```

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



Here you see how a box with a 4 pixel `rgb(176, 240, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 240, 248); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 240, 248); box-shadow:4px 4px 4px 4px rgb(176, 240, 248) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 20.860, 209.697 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 240, 248) }
```

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

```
.background{ background-color: rgb(176,  
240, 248) }
```

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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