

Converting Colors

CIELCh(91, 22.787, 172.418)

Have a look what the booklet for
CIELCh(91, 22.787, 172.418)
contains.

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Color

CIELCh(91, 22.911, 172.405)

Conversions

Conversions Part 1

Format	Color
Hex	B6F2DF
RGB	182, 242, 223
RGB Percent	71%, 95%, 87%
CMY	0.2877, 0.0525, 0.1270
CMYK	0.25, 0.00, 0.08, 0.05
HSL	161°, 69%, 83%
HSV	161°, 25%, 95%
XYZ	64.1103, 78.4833, 81.3157
YIQ	221.8940, -29.6610, -18.6290

Conversions

Conversions Part 2

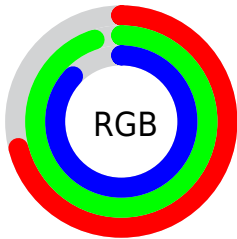
Format	Color
R_{YB}	182, 218, 242
Decimal	11989727
CIE _{Lab}	91.00, -22.71, 3.03
CIE _{LCh}	91, 22.911, 172.405
Yxy	78.4833, 0.2863, 0.3505
Android (android.graphics.Color)	4290179807 (0xFFB6F2DF)
YUV	221.8940, 0.5453, -34.9870
Hunter-Lab	88.5908, -25.8592, 7.5925

Details

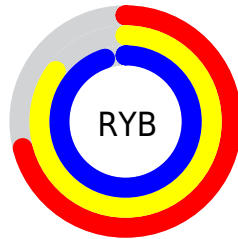
The CIELCh color **91, 22.911, 172.405** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **80, 24.546, 357.444**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 5.502, 199.177**, and **71, 22.949, 172.182** is the 20% darker color. If you saturate the color by 10%, you get **90, 31.601, 171.266**, and if you desaturate by 10%, it is **93, 13.842, 173.454**.

Distribution



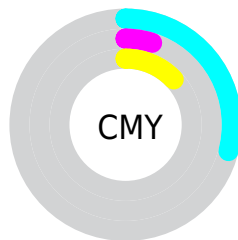
- Red (71%)
- Green (95%)
- Blue (87%)



- Red (71%)
- Yellow (85%)
- Blue (95%)



- Cyan (25%)
- Magenta (0%)
- Yellow (8%)
- Black (5%)





- Cyan (29%)
- Magenta (5%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 91, 22.911, 172.405 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, 22.911, 172.405 by changing the saturation by 10% instead.


 91, 22.911,
172.405


 91, 22.911,
172.405


 100, 22.911,
172.405


 81, 22.911,
172.405

 71, 22.911,
172.405

 61, 22.911,
172.405

 51, 22.911,
172.405

 41, 22.911,
172.405

 31, 22.911,
172.405

 21, 22.911,

172.405

■ 11, 22.911,
172.405

■ 1, 22.911, 172.405

■ 91, 22.911,
172.405

■ 91, 22.911,
172.405

■ 90, 31.601,
171.266

■ 93, 13.842,
173.454

■ 88, 39.750,
170.020

■ 94, 4.535, 174.494

■ 87, 47.199,
168.638

■ 96, 4.885, 355.159

■ 97, 7.610, 328.541

■ 87, 53.810,
167.094

■ 97, 8.337, 324.695

■ 86, 59.483,
165.365

■ 85, 64.187,
163.432

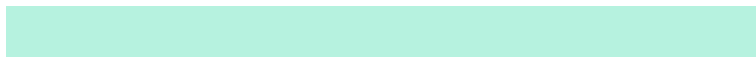
■ 85, 67.983,
161.295

■ 85, 69.707,
160.152

Harmonies

Complementary

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



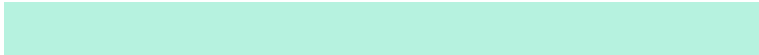
91, 22.911, 172.405



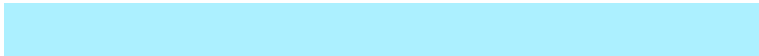
80, 24.546, 357.444

Rectangle

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



91, 22.911, 172.405



91, 22.911, 222.405



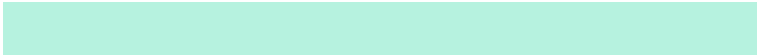
91, 22.911, 352.405



91, 22.911, 42.405

Sweetspot

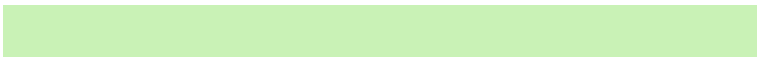
The Sweet Spot groups the original color and five complimentary colors.



91, 22.912, 172.402



99, 6.863, 174.253



91, 34.390, 134.051



52, 4.458, 174.189



0, 0.000, 0.000



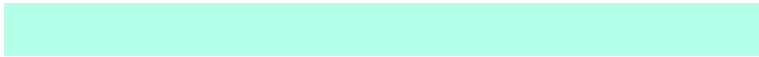
53, 0.007, 296.813

Same Dimension

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



91, 22.912, 172.402



95, 28.686, 171.817



89, 16.897, 218.397



49, 5.291, 173.999



66, 56.347, 160.569



20, 23.270, 164.110

Inverse Universe

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



80, 24.546, 357.444



81, 31.209, 358.150



82, 20.047, 37.471



47, 5.431, 355.661



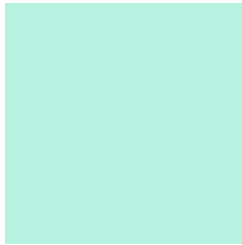
39, 67.985, 19.564



8, 28.764, 9.268

Previews

White Background



This preview shows how the CIE LCh color 91, 22.911, 172.405 looks on a white background.

Color Contrast Check

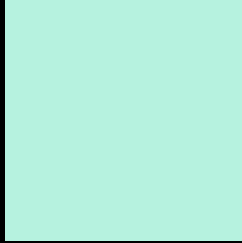
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 91, 22.911, 172.405 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

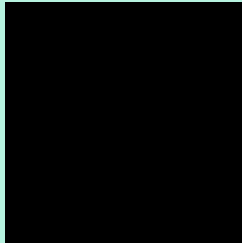
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

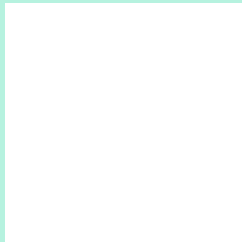
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 22.911, 172.405

Background



This preview shows how black text looks on a background with the CIELCh color 91, 22.911, 172.405.

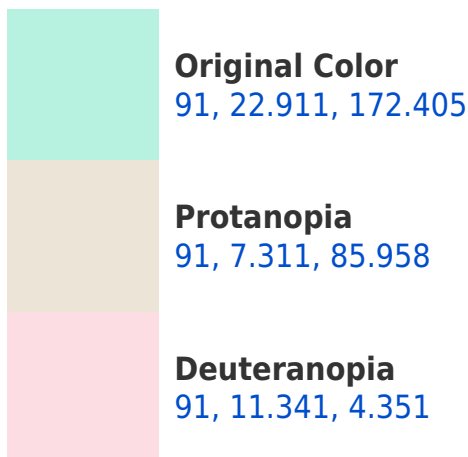


This preview shows how white text looks on a background with the CIELCh color 91, 22.911, 172.405.

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



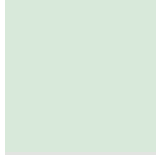


Tritanopia
91, 17.571, 230.845

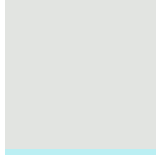
Trichromacy



Original Color
91, 22.911, 172.405



Protanomaly
91, 9.926, 147.401



Deuteranomaly
90, 1.710, 134.726

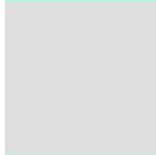


Tritanomaly
91, 17.242, 205.284

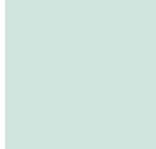
Monochromacy



Original Color
91, 22.911, 172.405



Achromatopsia
88, 0.011, 296.813



Achromatomaly
89, 8.628, 173.884

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 22.911, 172.405 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(182, 242, 223)` looks like.

```
.text, #text, p{  
    color:rgb(182, 242, 223)  
}
```

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(182, 242, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 242, 223) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 22.911, 172.405 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(182, 242, 223) }
```

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

```
.border{ border-color:rgb(182, 242, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 242, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 242, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 242, 223);  
box-shadow:4px 4px 4px 4px rgb(182, 242,  
223) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 22.911, 172.405 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 242, 223) }
```

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

```
.background{ background-color: rgb(182,  
242, 223) }
```

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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