

Converting Colors

CIELCh(91, 27.378, 151.958)

Have a look what the booklet for
CIELCh(91, 27.378, 151.958)
contains.

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Color

CIELCh(91, 27.399, 151.951)

Conversions

Conversions Part 1

Format	Color
Hex	BDF2CC
RGB	189, 242, 204
RGB Percent	74%, 95%, 80%
CMY	0.2598, 0.0520, 0.2010
CMYK	0.22, 0.00, 0.16, 0.05
HSL	137°, 67%, 84%
HSV	137°, 22%, 95%
XYZ	63.4673, 78.4833, 68.7725
YIQ	221.8210, -19.3900, -23.0540

Conversions

Conversions Part 2

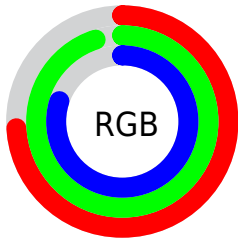
Format	Color
RYB	189, 230, 242
Decimal	12448460
CIELab	91.00, -24.18, 12.88
CIElCh	91, 27.399, 151.951
Yxy	78.4833, 0.3012, 0.3724
Android (android.graphics.Color)	4290638540 (0xFFBDF2CC)
YUV	221.8210, -8.7858, -28.7840
Hunter-Lab	88.5908, -27.1547, 15.9871

Details

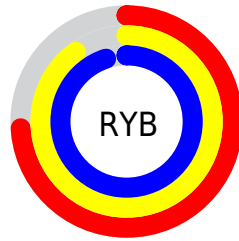
The CIELCh color **91, 27.399, 151.951** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **82, 27.616, 335.131**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 3.114, 199.421**, and **71, 27.453, 151.906** is the 20% darker color. If you saturate the color by 10%, you get **89, 39.812, 150.992**, and if you desaturate by 10%, it is **93, 14.867, 152.789**.

Distribution



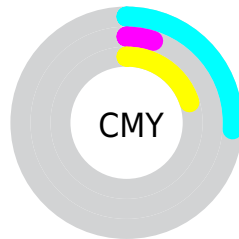
- Red (74%)
- Green (95%)
- Blue (80%)



- Red (74%)
- Yellow (90%)
- Blue (95%)



- Cyan (22%)
- Magenta (0%)
- Yellow (16%)
- Black (5%)





- Cyan (26%)
- Magenta (5%)
- Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 91, 27.399, 151.951 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, 27.399, 151.951 by changing the saturation by 10% instead.


 91, 27.399,
151.951


 91, 27.399,
151.951


 100, 27.399,
151.951


 81, 27.399,
151.951

 71, 27.399,
151.951

 61, 27.399,
151.951

 51, 27.399,
151.951

 41, 27.399,
151.951

 31, 27.399,
151.951

 21, 27.399,

151.951

■ 11, 27.399,
151.951

■ 1, 27.399, 151.951

■ 91, 27.399,
151.951

■ 91, 27.399,
151.951

■ 89, 39.812,
150.992

■ 93, 14.867,
152.789

■ 88, 51.896,
149.888

■ 95, 2.375, 153.645

■ 87, 63.417,
148.617

■ 97, 8.260, 324.692

■ 86, 74.126,
147.162

■ 85, 83.783,
145.524

■ 84, 92.187,
143.722

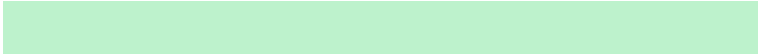
■ 84, 99.198,
141.813

■ 84, 103.862,
140.300

Harmonies

Complementary

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



91, 27.399, 151.951



82, 27.616, 335.131

Rectangle

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



91, 27.399, 151.951



91, 27.399, 201.951



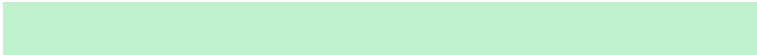
91, 27.399, 331.951



91, 27.399, 21.951

Sweetspot

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



91, 27.401, 151.950



98, 9.090, 153.172



93, 27.575, 119.196



52, 5.909, 153.125



0, 0.000, 0.000



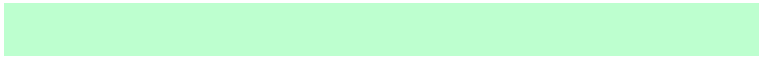
53, 0.007, 296.813

Same Dimension

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



91, 27.401, 151.950



95, 33.925, 151.569



92, 19.274, 178.695



49, 7.028, 152.981



65, 83.810, 140.652



20, 33.916, 143.988

Inverse Universe

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



82, 27.616, 335.131



84, 34.223, 335.447



81, 20.895, 3.036



47, 7.062, 334.219



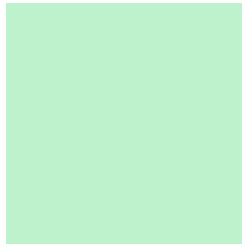
41, 72.928, 343.645



9, 32.703, 340.934

Previews

White Background



This preview shows how the CIE LCh color 91, 27.399, 151.951 looks on a white background.

Color Contrast Check

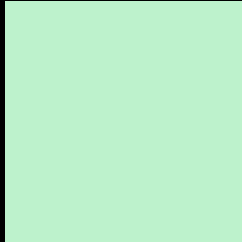
Large Text (above 18pt) WCAG AA × Fail

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, 27.399, 151.951 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

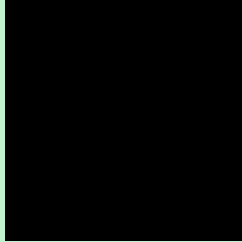
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

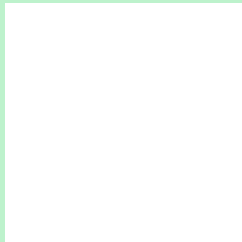
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 27.399, 151.951

Background



This preview shows how black text looks on a background with the CIELCh color 91, 27.399, 151.951.

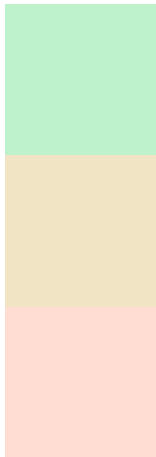


This preview shows how white text looks on a background with the CIELCh color 91, 27.399, 151.951.

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, 27.399, 151.951

Protanopia
91, 16.626, 93.010

Deuteranopia
91, 13.758, 42.144

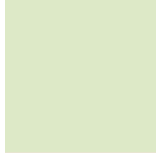


Tritanopia
91, 15.089, 237.186

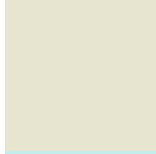
Trichromacy



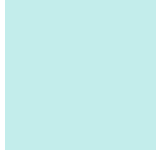
Original Color
91, 27.399, 151.951



Protanomaly
91, 18.105, 123.004

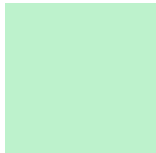


Deuteranomaly
91, 10.865, 105.388

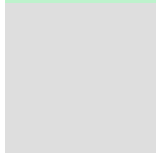


Tritanomaly
91, 14.314, 194.316

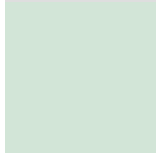
Monochromacy



Original Color
91, 27.399, 151.951



Achromatopsia
88, 0.011, 296.813



Achromatomaly
89, 10.028, 152.310

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 27.399, 151.951 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(189, 242, 204)` looks like.

```
.text, #text, p{  
    color:rgb(189, 242, 204)  
}
```

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(189, 242, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 242, 204) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 27.399, 151.951 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(189, 242, 204) }
```

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

```
.border{ border-color:rgb(189, 242, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 242, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 242, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 242, 204);  
box-shadow:4px 4px 4px 4px rgb(189, 242,  
204) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 27.399, 151.951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 242, 204) }
```

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

```
.background{ background-color: rgb(189,  
242, 204) }
```

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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