

Converting Colors

CIELCh(91, 33.797, 148.981)

Have a look what the booklet for
CIELCh(91, 33.797, 148.981)
contains.

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Color

CIELCh(91, 33.797, 148.981)

Conversions

Conversions Part 1

Format	Color
Hex	B6F4C3
RGB	182, 244, 195
RGB Percent	71%, 96%, 76%
CMY	0.2868, 0.0436, 0.2358
CMYK	0.25, 0.00, 0.20, 0.04
HSL	133°, 74%, 83%
HSV	133°, 25%, 96%
XYZ	61.4062, 78.4833, 63.4655
YIQ	219.8760, -21.2230, -28.3830

Conversions

Conversions Part 2

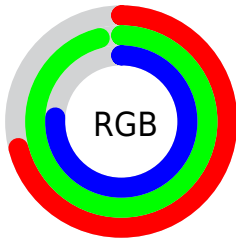
Format	Color
R_{YB}	182, 233, 244
Decimal	11990211
CIE Lab	91.00, -28.96, 17.42
CIE LCh	91, 33.797, 148.981
Yxy	78.4833, 0.3020, 0.3859
Android (android.graphics.Color)	4290180291 (0xFFB6F4C3)
YUV	219.8760, -12.2639, -33.2173
Hunter-Lab	88.5908, -31.3077, 19.5389

Details

The CIELCh color **91, 33.797, 148.981** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **81, 33.959, 332.516**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 5.760, 183.761**, and **71, 34.122, 148.654** is the 20% darker color. If you saturate the color by 10%, you get **89, 46.933, 148.009**, and if you desaturate by 10%, it is **93, 20.474, 149.822**.

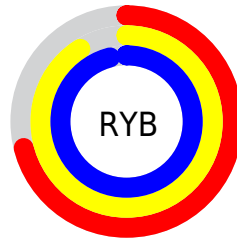
Distribution



Red (71%)

Green (96%)

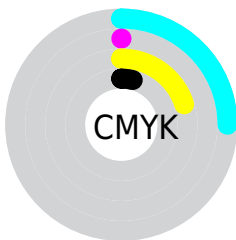
Blue (76%)



Red (71%)

Yellow (91%)

Blue (96%)

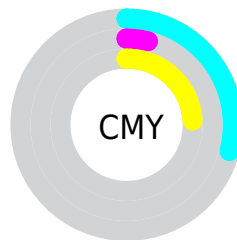


Cyan (25%)

Magenta (0%)

Yellow (20%)

Black (4%)



Cyan (29%)


Magenta (4%)


Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 91, 33.797, 148.981 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, 33.797, 148.981 by changing the saturation by 10% instead.


 91, 33.797,
148.981


 91, 33.797,
148.981


 100, 33.797,
148.981


 81, 33.797,
148.981

 71, 33.797,
148.981

 61, 33.797,
148.981

 51, 33.797,
148.981

 41, 33.797,
148.981

 31, 33.797,
148.981

 21, 33.797,

148.981

■ 11, 33.797,
148.981

■ 1, 33.797, 148.981

■ 91, 33.797,
148.981

■ 91, 33.797,
148.981

■ 89, 46.933,
148.009

■ 93, 20.474,
149.822

■ 88, 59.636,
146.886

■ 95, 7.156, 150.573

■ 87, 71.630,
145.596

■ 97, 5.999, 331.001

■ 97, 6.933, 324.638

■ 86, 82.617,
144.141

■ 85, 92.305,
142.540

■ 85, 100.431,
140.849

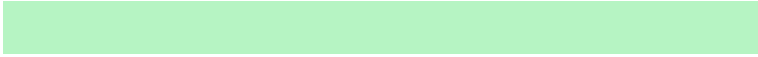
■ 84, 106.788,
139.170

■ 84, 109.129,
138.479

Harmonies

Complementary

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



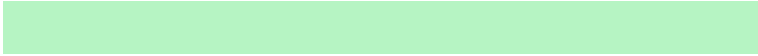
91, 33.797, 148.981



81, 33.959, 332.516

Rectangle

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



91, 33.797, 148.981



91, 33.797, 198.981



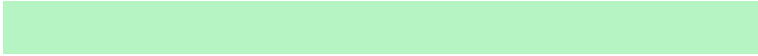
91, 33.797, 328.981



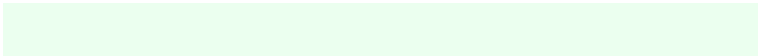
91, 33.797, 18.981

Sweetspot

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



91, 33.799, 148.981



98, 10.968, 150.380



94, 31.866, 116.239



52, 7.803, 150.269



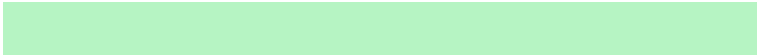
0, 0.000, 0.000



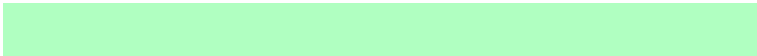
53, 0.007, 296.813

Same Dimension

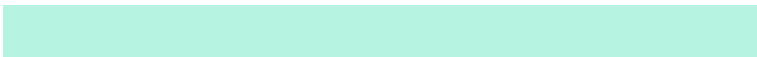
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91, 33.799, 148.981



94, 42.677, 148.449



92, 23.349, 173.484



50, 7.546, 150.272



66, 88.505, 138.765



21, 36.828, 141.625

Inverse Universe

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



81, 33.959, 332.516



81, 42.880, 332.909



80, 25.171, 358.685



48, 7.571, 331.440



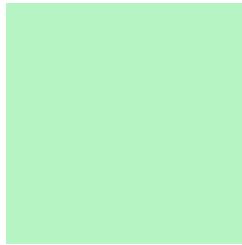
42, 77.555, 338.760



10, 35.202, 337.085

Previews

White Background



This preview shows how the CIE LCh color 91, 33.797, 148.981 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, 33.797, 148.981 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

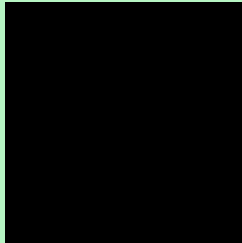
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

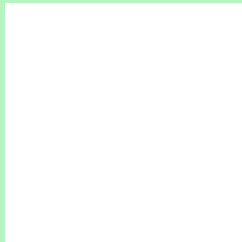
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 33.797, 148.981

Background



This preview shows how black text looks on a background with the CIELCh color 91, 33.797, 148.981.

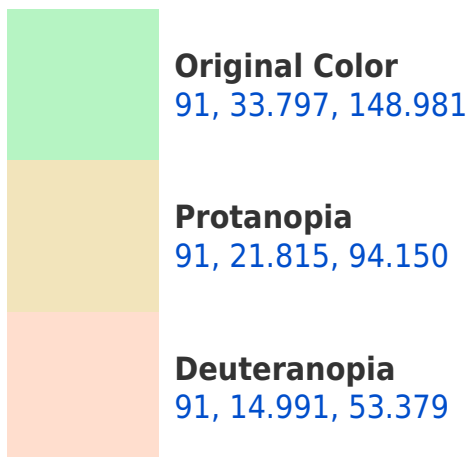



This preview shows how white text looks on a background with the CIELCh color 91, 33.797, 148.981.

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



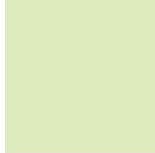


Tritanopia
91, 16.825, 234.712

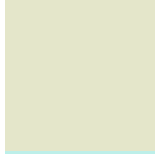
Trichromacy



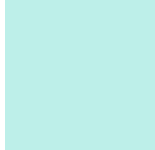
Original Color
91, 33.797, 148.981



Protanomaly
91, 23.251, 121.426



Deuteranomaly
90, 14.471, 111.944

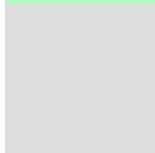


Tritanomaly
91, 17.260, 187.857

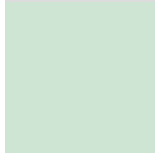
Monochromacy



Original Color
91, 33.797, 148.981



Achromatopsia
88, 0.010, 296.813



Achromatomaly
89, 12.566, 150.503

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 33.797, 148.981 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, 244, 195)` looks like.

```
.text, #text, p{  
    color:rgb(182, 244, 195)  
}
```

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, 244, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 244, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 33.797, 148.981 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, 244, 195) }
```

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

```
.border{ border-color:rgb(182, 244, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 244, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 244, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 244, 195);  
box-shadow:4px 4px 4px 4px rgb(182, 244,  
195) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 33.797, 148.981 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 244, 195) }
```

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

```
.background{ background-color: rgb(182,  
244, 195) }
```

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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