

Converting Colors

CIELCh(91, 39.901, 142.463)

Have a look what the booklet for
CIELCh(91, 39.901, 142.463)
contains.

CIELCh(91, 40.217, 142.284)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(91, 40.217, 142.284)

Conversions

Conversions Part 1

Format	Color
Hex	B6F5B5
RGB	182, 245, 181
RGB Percent	71%, 96%, 71%
CMY	0.2868, 0.0397, 0.2907
CMYK	0.26, 0.00, 0.26, 0.04
HSL	119°, 76%, 83%
HSV	119°, 26%, 96%
XYZ	60.1996, 78.4833, 55.6229
YIQ	218.8670, -17.0040, -33.2600

Conversions

Conversions Part 2

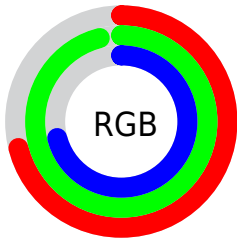
Format	Color
R_{YB}	181, 245, 244
Decimal	11990453
CIE _{Lab}	91.00, -31.81, 24.60
CIE _{LCh}	91, 40.217, 142.284
Yxy	78.4833, 0.3098, 0.4039
Android (android.graphics.Color)	4290180533 (0xFFB6F5B5)
YUV	218.8670, -18.6684, -32.3324
Hunter-Lab	88.5908, -33.7388, 24.7876

Details

The CIELCh color **91, 40.217, 142.284** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **81, 40.257, 325.428**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 10.813, 141.069**, and **71, 39.764, 142.197** is the 20% darker color. If you saturate the color by 10%, you get **89, 55.374, 141.405**, and if you desaturate by 10%, it is **93, 24.796, 143.047**.

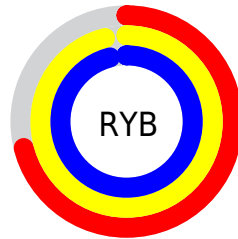
Distribution



Red (71%)

Green (96%)

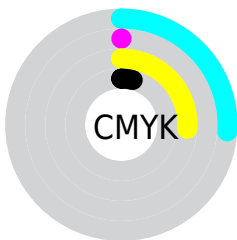
Blue (71%)



Red (71%)

Yellow (96%)

Blue (96%)

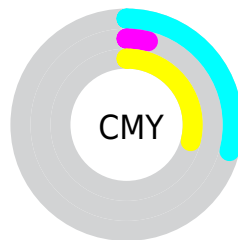


Cyan (26%)

Magenta (0%)

Yellow (26%)

Black (4%)



Cyan (29%)


Magenta (4%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 91, 40.217, 142.284 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, 40.217, 142.284 by changing the saturation by 10% instead.

 91, 40.217,
142.284

 91, 40.217,
142.284

 100, 40.217,
142.284


 81, 40.217,
142.284

 71, 40.217,
142.284

 61, 40.217,
142.284


 51, 40.217,
142.284

 41, 40.217,
142.284


 31, 40.217,
142.284


 21, 40.217,


142.284


 11, 40.217,
142.284


 1, 40.217, 142.284

 91, 40.217,
142.284


 91, 40.217,
142.284

 89, 55.374,
141.405


 93, 24.796,
143.047

 88, 69.911,
140.412

 95, 9.370, 143.713

 87, 83.385,
139.334

 97, 5.867, 324.178

 86, 95.250,
138.236

 98, 6.308, 324.612

■ 85, 104.878,
137.234

■ 85, 111.660,
136.475

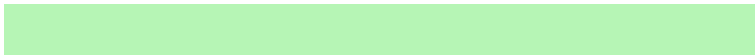
■ 85, 115.279,
136.077

■ 85, 116.084,
135.971

Harmonies

Complementary

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



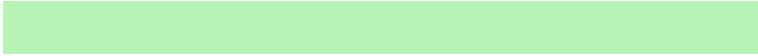
91, 40.217, 142.284



81, 40.257, 325.428

Rectangle

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



91, 40.217, 142.284



91, 40.217, 192.284



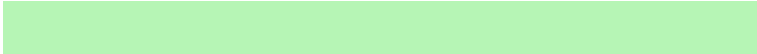
91, 40.217, 322.284



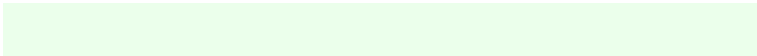
91, 40.217, 12.284

Sweetspot

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



91, 40.219, 142.284



98, 12.646, 143.592



95, 31.934, 106.925



52, 8.997, 143.494



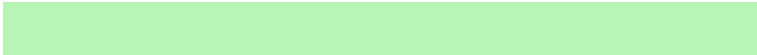
0, 0.000, 0.000



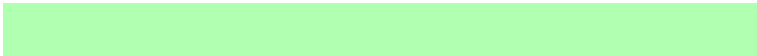
53, 0.007, 296.813

Same Dimension

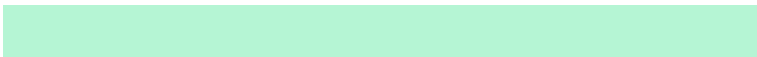
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91, 40.219, 142.284



93, 49.235, 141.866



92, 28.270, 160.398



50, 8.701, 143.497



66, 94.469, 135.952



20, 40.960, 137.164

Inverse Universe

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



81, 40.257, 325.428



81, 49.262, 325.686



80, 29.133, 345.114



48, 8.716, 324.521



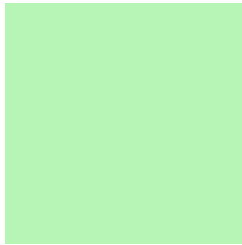
44, 91.288, 327.617



11, 40.584, 327.698

Previews

White Background



This preview shows how the CIE LCh color 91, 40.217, 142.284 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, 40.217, 142.284 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

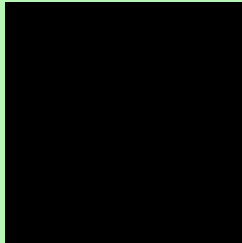
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 91, 40.217, 142.284

Background



This preview shows how black text looks on a background with the CIELCh color 91, 40.217, 142.284.

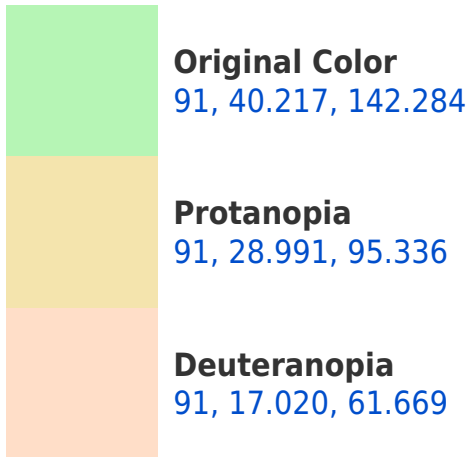


This preview shows how white text looks on a background with the CIELCh color 91, 40.217, 142.284.

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, 16.101, 236.676

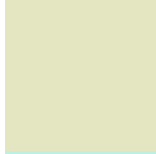
Trichromacy



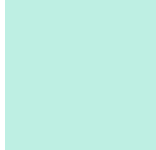
Original Color
91, 40.217, 142.284



Protanomaly
90, 30.147, 117.285

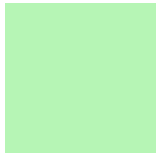


Deuteranomaly
90, 19.089, 110.881

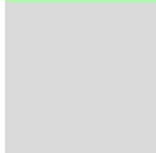


Tritanomaly
91, 18.025, 177.976

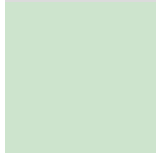
Monochromacy



Original Color
91, 40.217, 142.284



Achromatopsia
87, 0.010, 296.813



Achromatomaly
88, 14.659, 143.862

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 40.217, 142.284 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, 245, 181)` looks like.

```
.text, #text, p{  
    color:rgb(182, 245, 181)  
}
```

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, 245, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 245, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 40.217, 142.284 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, 245, 181) }
```

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

```
.border{ border-color:rgb(182, 245, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 245, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 245, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 245, 181);  
box-shadow:4px 4px 4px 4px rgb(182, 245,  
181) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 40.217, 142.284 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 245, 181) }
```

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

```
.background{ background-color: rgb(182,  
245, 181) }
```

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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