

Converting Colors

CIELCh(90, 43.314, 138.047)

Have a look what the booklet for
CIELCh(90, 43.314, 138.047)
contains.

CIELCh(90, 43.183, 138.149)	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(90, 43.183, 138.149)

Conversions

Conversions Part 1

Format	Color
Hex	B6F2AA
RGB	182, 242, 170
RGB Percent	71%, 95%, 67%
CMY	0.2865, 0.0512, 0.3336
CMYK	0.25, 0.00, 0.30, 0.05
HSL	110°, 73%, 81%
HSV	110°, 30%, 95%
XYZ	58.2597, 76.3034, 49.6575
YIQ	215.8520, -12.6480, -35.1120

Conversions

Conversions Part 2

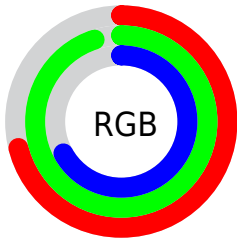
Format	Color
RYB	170, 242, 230
Decimal	11989674
CIELab	90.00, -32.17, 28.81
CIELCh	90, 43.183, 138.149
Yxy	76.3034, 0.3162, 0.4142
Android (android.graphics.Color)	4290179754 (0xFFB6F2AA)
YUV	215.8520, -22.6050, -29.6882
Hunter-Lab	87.3518, -33.8142, 27.4413

Details

The CIELCh color **90, 43.183, 138.149** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **77, 43.658, 321.157**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 15.849, 130.369**, and **70, 43.659, 138.253** is the 20% darker color. If you saturate the color by 10%, you get **89, 57.418, 137.453**, and if you desaturate by 10%, it is **92, 28.672, 138.782**.

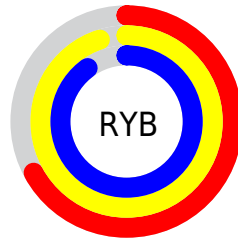
Distribution



Red (71%)

Green (95%)

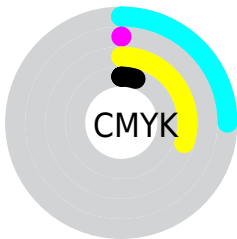
Blue (67%)



Red (67%)

Yellow (95%)

Blue (90%)

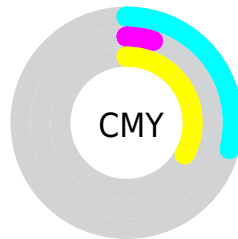


Cyan (25%)

Magenta (0%)

Yellow (30%)

Black (5%)



Cyan (29%)


Magenta (5%)


Yellow (33%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 43.183, 138.149 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 90, 43.183, 138.149 by changing the saturation by 10% instead.


 90, 43.183,
138.149


 90, 43.183,
138.149


 100, 43.183,
138.149


 80, 43.183,
138.149

 70, 43.183,
138.149

 60, 43.183,
138.149


 50, 43.183,
138.149

 40, 43.183,
138.149


 30, 43.183,
138.149


 20, 43.183,


138.149

 10, 43.183,
138.149


 0, 43.183, 138.149


 90, 43.183,
138.149


 90, 43.183,
138.149

 89, 57.418,
137.453


 92, 28.672,
138.782


 87, 71.069,
136.714

 94, 14.104,
139.346

 86, 83.731,
135.984

 96, 0.357, 319.107

 85, 94.877,
135.350

 97, 8.137, 324.687

■ 85, 103.883,
134.937

■ 84, 110.168,
134.873

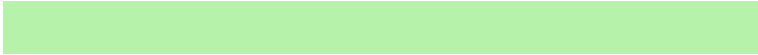
■ 84, 113.688,
135.145

■ 84, 113.756,
135.150

Harmonies

Complementary

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



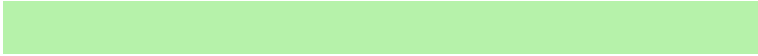
90, 43.183, 138.149



77, 43.658, 321.157

Rectangle

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



90, 43.183, 138.149



90, 43.183, 188.149



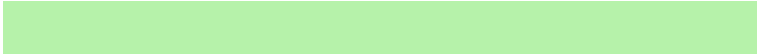
90, 43.183, 318.149



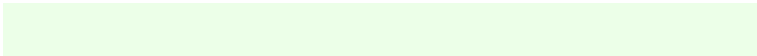
90, 43.183, 8.149

Sweetspot

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



90, 43.185, 138.150



98, 13.567, 139.385



91, 31.143, 98.937



52, 9.436, 139.307



0, 0.000, 0.000



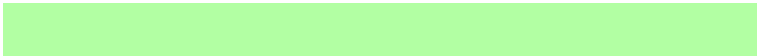
53, 0.007, 296.813

Same Dimension

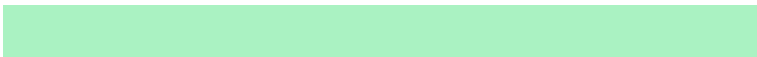
The Same Dimension uses a secret algorithm to generate beautiful new colors.



90, 43.185, 138.150



93, 54.384, 137.714



90, 35.766, 153.181



49, 8.149, 139.362



65, 92.321, 135.012



20, 38.310, 135.179

Inverse Universe

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



77, 43.658, 321.157



77, 55.072, 321.434



78, 36.258, 337.927



47, 8.188, 320.214



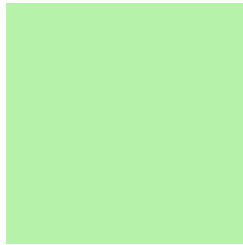
38, 91.593, 321.895



8, 39.869, 322.737

Previews

White Background



This preview shows how the CIELCh color 90, 43.183, 138.149 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 90, 43.183, 138.149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

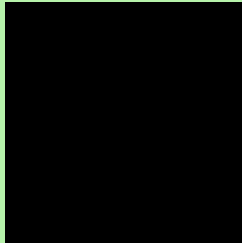
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 90, 43.183, 138.149

Background



This preview shows how black text looks on a background with the CIELCh color 90, 43.183, 138.149.

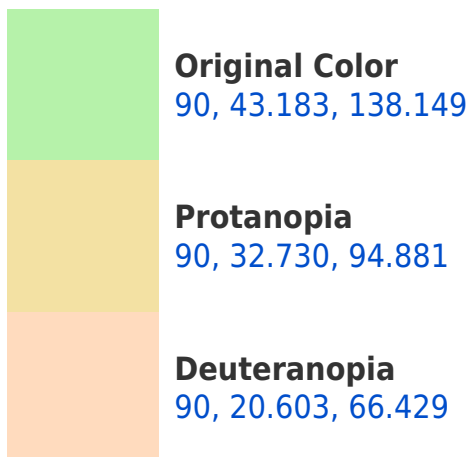


This preview shows how white text looks on a background with the CIELCh color 90, 43.183, 138.149.

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



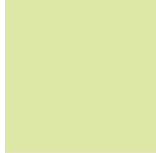


Tritanopia
90, 15.115, 237.218

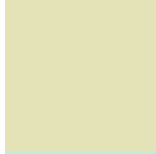
Trichromacy



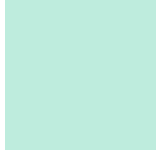
Original Color
90, 43.183, 138.149



Protanomaly
90, 33.533, 114.108



Deuteranomaly
89, 22.704, 107.330

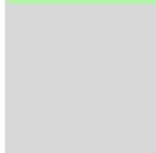


Tritanomaly
90, 17.879, 172.337

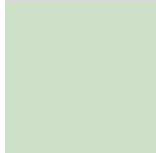
Monochromacy



Original Color
90, 43.183, 138.149



Achromatopsia
86, 0.010, 296.813



Achromatomaly
87, 15.636, 138.508

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 43.183, 138.149 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, 170)` looks like.

```
.text, #text, p{  
    color:rgb(182, 242, 170)  
}
```

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, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 242, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 43.183, 138.149 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, 170) }
```

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

```
.border{ border-color:rgb(182, 242, 170) }
```

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, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 242, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 242, 170);  
box-shadow:4px 4px 4px 4px rgb(182, 242,  
170) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 43.183, 138.149 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, 170) }
```

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

```
.background{ background-color: rgb(182,  
242, 170) }
```

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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