

Converting Colors

CIELCh(90, 43.261, 147.332)

Have a look what the booklet for
CIELCh(90, 43.261, 147.332)
contains.

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Color

CIELCh(90, 43.188, 147.050)

Conversions

Conversions Part 1

Format	Color
Hex	A7F4B4
RGB	167, 244, 180
RGB Percent	65%, 96%, 71%
CMY	0.3446, 0.0426, 0.2937
CMYK	0.32, 0.00, 0.26, 0.04
HSL	130°, 78%, 81%
HSV	130°, 32%, 96%
XYZ	56.5989, 76.3034, 54.9868
YIQ	213.6810, -25.3480, -36.2280

Conversions

Conversions Part 2

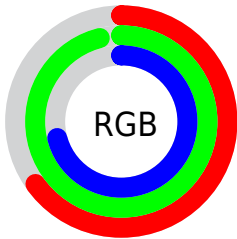
Format	Color
R_{YB}	167, 233, 244
Decimal	11007156
CIE _{Lab}	90.00, -36.24, 23.49
CIE _{LCh}	90, 43.188, 147.050
Yxy	76.3034, 0.3012, 0.4061
Android (android.graphics.Color)	4289197236 (0xFFA7F4B4)
YUV	213.6810, -16.6047, -40.9392
Hunter-Lab	87.3518, -37.2079, 23.8240

Details

The CIELCh color **90, 43.188, 147.050** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **78, 43.311, 331.442**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 14.652, 157.117**, and **70, 43.012, 147.251** is the 20% darker color. If you saturate the color by 10%, you get **89, 56.498, 146.007**, and if you desaturate by 10%, it is **92, 29.535, 147.950**.

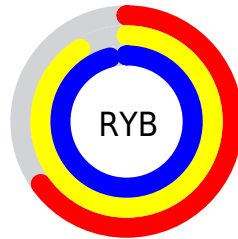
Distribution



Red (65%)

Green (96%)

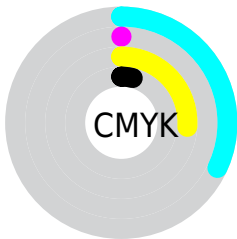
Blue (71%)



Red (65%)

Yellow (91%)

Blue (96%)

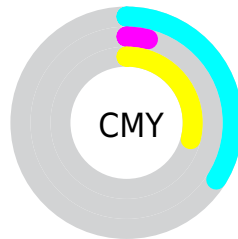


Cyan (32%)

Magenta (0%)

Yellow (26%)

Black (4%)



Cyan (34%)


Magenta (4%)


Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 90, 43.188, 147.050 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, 43.188, 147.050 by changing the saturation by 10% instead.


 90, 43.188,
147.050


 90, 43.188,
147.050


 100, 43.188,
147.050


 80, 43.188,
147.050

 70, 43.188,
147.050

 60, 43.188,
147.050


 50, 43.188,
147.050

 40, 43.188,
147.050


 30, 43.188,
147.050


 20, 43.188,


147.050


 10, 43.188,
147.050


 0, 43.188, 147.050


 90, 43.188,
147.050


 90, 43.188,
147.050

 89, 56.498,
146.007


 92, 29.535,
147.950

 87, 69.175,
144.807

 94, 15.771,
148.730

 86, 80.898,
143.452

 96, 2.087, 149.536

 85, 91.332,
141.962

 97, 6.772, 324.632

■ 85, 100.144,
140.394

■ 85, 107.043,
138.846

■ 84, 111.285,
137.693

Harmonies

Complementary

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



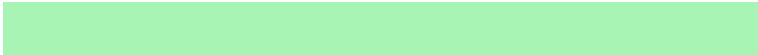
90, 43.188, 147.050



78, 43.311, 331.442

Rectangle

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



90, 43.188, 147.050



90, 43.188, 197.050



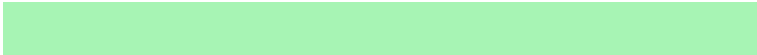
90, 43.188, 327.050



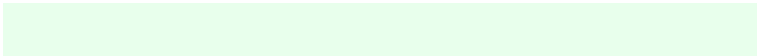
90, 43.188, 17.050

Sweetspot

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



90, 43.190, 147.050



98, 12.718, 148.913



94, 39.268, 114.398



52, 8.846, 148.808



0, 0.000, 0.000



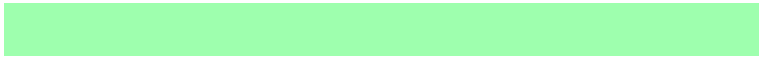
53, 0.007, 296.813

Same Dimension

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



90, 43.190, 147.050



93, 53.699, 146.384



91, 29.399, 170.522



50, 7.772, 148.879



66, 90.259, 137.940



20, 37.682, 140.678

Inverse Universe

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



78, 43.311, 331.442



77, 53.782, 331.875



77, 31.944, 357.202



48, 7.793, 330.014



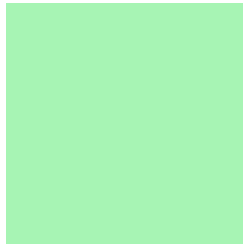
42, 79.970, 336.320



10, 36.168, 335.075

Previews

White Background



This preview shows how the CIE LCh color 90, 43.188, 147.050 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, 43.188, 147.050 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

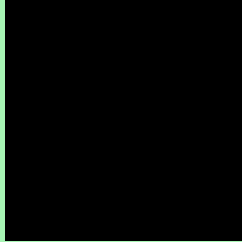
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 90, 43.188, 147.050

Background



This preview shows how black text looks on a background with the CIELCh color 90, 43.188, 147.050.

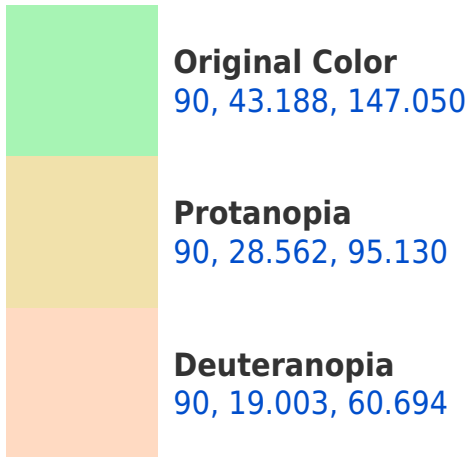



This preview shows how white text looks on a background with the CIELCh color 90, 43.188, 147.050.

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



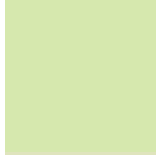


Tritanopia
90, 19.373, 227.496

Trichromacy



Original Color
90, 43.188, 147.050



Protanomaly
89, 30.596, 120.757



Deuteranomaly
89, 20.232, 113.881

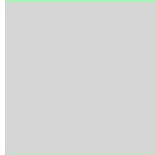


Tritanomaly
90, 21.924, 181.357

Monochromacy



Original Color
90, 43.188, 147.050



Achromatopsia
86, 0.010, 296.813



Achromatomaly
87, 15.808, 148.993

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 43.188, 147.050 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(167, 244, 180)` looks like.

```
.text, #text, p{  
    color:rgb(167, 244, 180)  
}
```

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(167, 244, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 244, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 43.188, 147.050 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(167, 244, 180) }
```

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

```
.border{ border-color:rgb(167, 244, 180) }
```

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

Here you see how a box with a 4 pixel rgb(167, 244, 180) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 244, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 244, 180);  
box-shadow:4px 4px 4px 4px rgb(167, 244,  
180) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 43.188, 147.050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 244, 180) }
```

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

```
.background{ background-color: rgb(167,  
244, 180) }
```

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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