

Converting Colors

CIELCh(90, 54.416, 138.822)

Have a look what the booklet for
CIELCh(90, 54.416, 138.822)
contains.

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Color

CIELCh(90, 54.416, 138.822)

Conversions

Conversions Part 1

Format	Color
Hex	A7F69C
RGB	167, 246, 156
RGB Percent	65%, 96%, 61%
CMY	0.3462, 0.0365, 0.3893
CMYK	0.32, 0.00, 0.37, 0.04
HSL	113°, 83%, 79%
HSV	113°, 37%, 96%
XYZ	54.7165, 76.3034, 43.1729
YIQ	212.1190, -18.1940, -44.7380

Conversions

Conversions Part 2

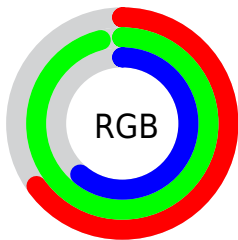
Format	Color
RYB	156, 246, 235
Decimal	11007644
CIELab	90.00, -40.96, 35.83
CIELCh	90, 54.416, 138.822
Yxy	76.3034, 0.3141, 0.4380
Android (android.graphics.Color)	4289197724 (0xFFA7F69C)
YUV	212.1190, -27.6667, -39.5694
Hunter-Lab	87.3518, -41.0545, 31.8427

Details

The CIELCh color **90, 54.416, 138.822** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **75, 54.877, 322.809**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 25.107, 135.100**, and **70, 54.098, 138.874** is the 20% darker color. If you saturate the color by 10%, you get **89, 68.620, 138.022**, and if you desaturate by 10%, it is **92, 39.694, 139.556**.

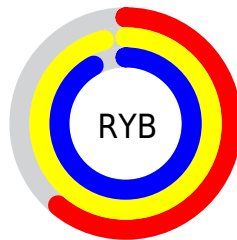
Distribution



Red (65%)

Green (96%)

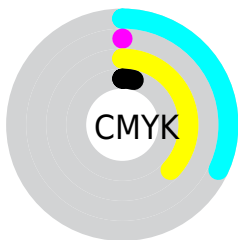
Blue (61%)



Red (61%)

Yellow (96%)

Blue (92%)

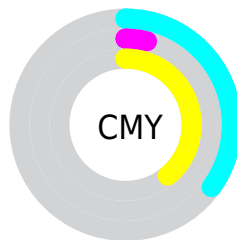


Cyan (32%)

Magenta (0%)

Yellow (37%)

Black (4%)



Cyan (35%)


Magenta (4%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 90, 54.416, 138.822 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, 54.416, 138.822 by changing the saturation by 10% instead.


 90, 54.416,
138.822


 90, 54.416,
138.822

 100, 54.416,
138.822


 80, 54.416,
138.822

 70, 54.416,
138.822

 60, 54.416,
138.822

 50, 54.416,
138.822

 40, 54.416,
138.822

 30, 54.416,
138.822

 20, 54.416,

138.822

■ 10, 54.416,
138.822

■ 0, 54.416, 138.822

■ 90, 54.416,
138.822

■ 90, 54.416,
138.822

■ 89, 68.620,
138.022

■ 92, 39.694,
139.556

■ 88, 81.903,
137.190

■ 93, 24.749,
140.207

■ 87, 93.755,
136.402

■ 95, 9.804, 140.786

■ 86, 103.556,
135.771

■ 98, 4.979, 321.189

■ 98, 5.788, 324.590

■ 85, 110.676,
135.435

■ 85, 114.758,
135.478

■ 85, 115.653,
135.511

Harmonies

Complementary

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



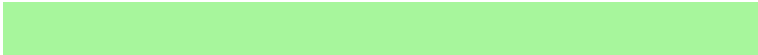
90, 54.416, 138.822



75, 54.877, 322.809

Rectangle

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



90, 54.416, 138.822



90, 54.416, 188.822



90, 54.416, 318.822



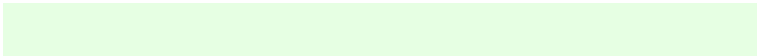
90, 54.416, 8.822

Sweetspot

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



90, 54.418, 138.823



98, 16.836, 140.538



92, 39.979, 100.058



52, 11.320, 140.460



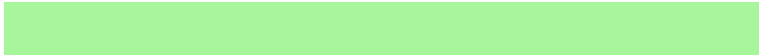
0, 0.000, 0.000



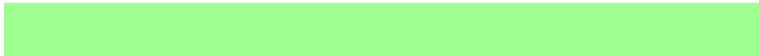
53, 0.007, 296.813

Same Dimension

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



90, 54.418, 138.823



92, 66.946, 138.229



90, 43.233, 153.818



50, 8.407, 140.626



66, 93.765, 135.405



21, 40.089, 135.562

Inverse Universe

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



75, 54.877, 322.809



73, 67.526, 323.122



75, 44.079, 340.117



48, 8.439, 321.521



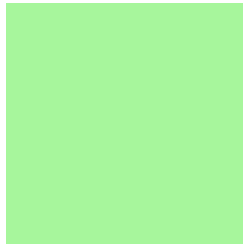
40, 92.049, 323.524



9, 40.858, 324.129

Previews

White Background



This preview shows how the CIE LCh color 90, 54.416, 138.822 looks on a white background.

Color Contrast Check

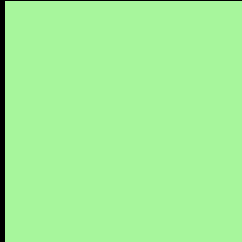
Large Text (above 18pt) WCAG AA × Fail

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, 54.416, 138.822 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, 54.416, 138.822

Background



This preview shows how black text looks on a background with the CIELCh color 90, 54.416, 138.822.

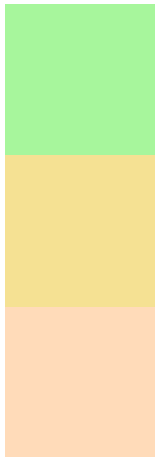


This preview shows how white text looks on a background with the CIELCh color 90, 54.416, 138.822.

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
90, 54.416, 138.822

Protanopia
90, 40.799, 95.371

Deuteranopia
90, 22.655, 70.471

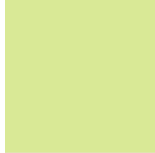


Tritanopia
90, 18.581, 230.834

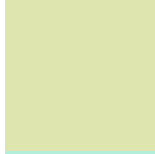
Trichromacy



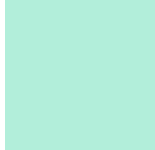
Original Color
90, 54.416, 138.822



Protanomaly
90, 42.684, 115.238



Deuteranomaly
89, 28.384, 112.527

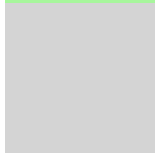


Tritanomaly
90, 23.239, 171.240

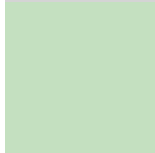
Monochromacy



Original Color
90, 54.416, 138.822



Achromatopsia
85, 0.010, 296.813



Achromatomaly
86, 19.696, 140.272

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 54.416, 138.822 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, 246, 156)` looks like.

```
.text, #text, p{  
    color:rgb(167, 246, 156)  
}
```

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, 246, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 246, 156) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 54.416, 138.822 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, 246, 156) }
```

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

```
.border{ border-color:rgb(167, 246, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 246, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(167, 246, 156); -webkit-box-shadow:4px 4px 4px 4px rgb(167, 246, 156); box-shadow:4px 4px 4px 4px rgb(167, 246, 156) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 54.416, 138.822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 246, 156) }
```

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

```
.background{ background-color: rgb(167,  
246, 156) }
```

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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