

Converting Colors

CIELCh(90, 67.515, 132.768)

Have a look what the booklet for
CIELCh(90, 67.515, 132.768)
contains.

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Color

CIELCh(90, 67.563, 132.758)

Conversions

Conversions Part 1

Format	Color
Hex	A5F77F
RGB	165, 247, 127
RGB Percent	65%, 97%, 50%
CMY	0.3516, 0.0300, 0.5007
CMYK	0.33, 0.00, 0.49, 0.03
HSL	101°, 89%, 73%
HSV	101°, 49%, 97%
XYZ	52.8010, 76.3034, 32.1302
YIQ	208.8020, -10.3520, -54.7040

Conversions

Conversions Part 2

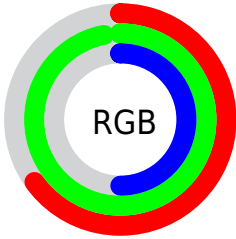
Format	Color
RYB	127, 247, 209
Decimal	10876799
CIELab	90.00, -45.87, 49.61
CIELCh	90, 67.563, 132.758
Yxy	76.3034, 0.3275, 0.4732
Android (android.graphics.Color)	4289066879 (0xFFA5F77F)
YUV	208.8020, -40.3284, -38.4144
Hunter-Lab	87.3518, -44.9689, 39.3379

Details

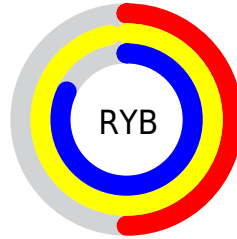
The CIELCh color **90, 67.563, 132.758** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **66, 70.204, 317.257**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 38.768, 125.480**, and **70, 67.577, 132.622** is the 20% darker color. If you saturate the color by 10%, you get **89, 80.170, 132.273**, and if you desaturate by 10%, it is **91, 54.143, 133.303**.

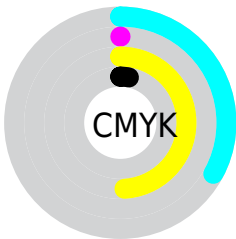
Distribution



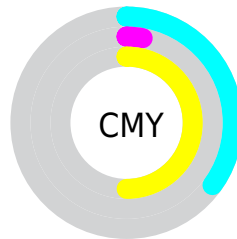
- Red (65%)
- Green (97%)
- Blue (50%)



- Red (50%)
- Yellow (97%)
- Blue (82%)



- Cyan (33%)
- Magenta (0%)
- Yellow (49%)
- Black (3%)





- Cyan (35%)
- Magenta (3%)
- Yellow (50%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 90, 67.563, 132.758 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, 67.563, 132.758 by changing the saturation by 10% instead.


 90, 67.563,
132.758


 90, 67.563,
132.758


 100, 67.563,
132.758


 80, 67.563,
132.758

 70, 67.563,
132.758

 60, 67.563,
132.758

 50, 67.563,
132.758

 40, 67.563,
132.758

 30, 67.563,
132.758

 20, 67.563,

132.758

■ 10, 67.563,
132.758

■ 0, 67.563, 132.758

■ 90, 67.563,
132.758

■ 90, 67.563,
132.758

■ 89, 80.170,
132.273

■ 91, 54.143,
133.303

■ 88, 91.484,
131.933


■ 93, 40.253,
133.851

■ 87, 100.911,
131.864

■ 94, 26.144,
134.371


■ 87, 107.860,
132.195

■ 96, 11.993,
134.854

 86, 112.131,
132.957

 98, 2.073, 315.162

 98, 4.767, 324.543

 86, 112.638,
133.071

Harmonies

Complementary

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



90, 67.563, 132.758



66, 70.204, 317.257

Rectangle

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



90, 67.563, 132.758



90, 67.563, 182.758



90, 67.563, 312.758



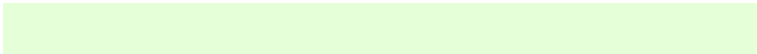
90, 67.563, 2.758

Sweetspot

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



90, 67.564, 132.759



97, 21.679, 134.544



85, 44.991, 84.643



52, 14.798, 134.440



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, 67.564, 132.759



91, 81.507, 132.291



89, 66.232, 145.116



50, 7.930, 134.809



67, 90.740, 132.842



21, 38.432, 132.051

Inverse Universe

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



66, 70.204, 317.257



63, 85.180, 317.555



70, 66.004, 332.497



48, 7.999, 315.584



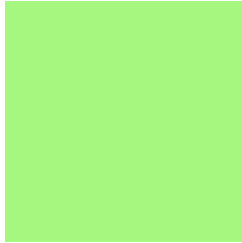
34, 94.828, 316.836



7, 41.604, 318.048

Previews

White Background



This preview shows how the CIE LCh color 90, 67.563, 132.758 looks on a white background.

Color Contrast Check

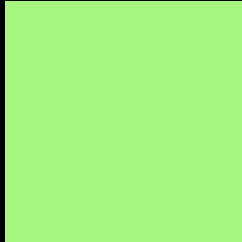
Large Text (above 18pt) WCAG AA × Fail

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, 67.563, 132.758 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, 67.563, 132.758

Background



This preview shows how black text looks on a background with the CIELCh color 90, 67.563, 132.758.

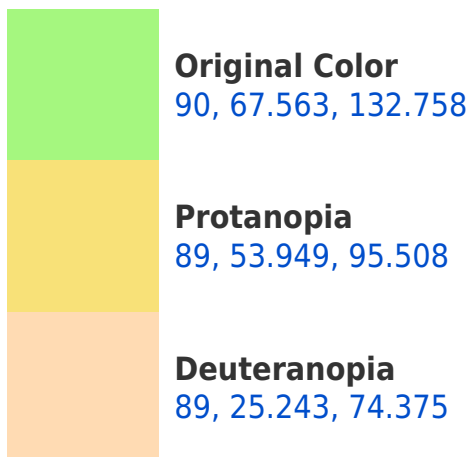


This preview shows how white text looks on a background with the CIELCh color 90, 67.563, 132.758.

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



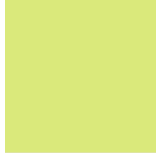


Tritanopia
90, 17.840, 232.415

Trichromacy



Original Color
90, 67.563, 132.758



Protanomaly
89, 55.437, 111.966



Deuteranomaly
89, 35.455, 111.702

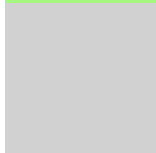


Tritanomaly
89, 26.663, 160.500

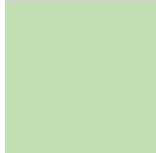
Monochromacy



Original Color
90, 67.563, 132.758



Achromatopsia
84, 0.010, 296.813



Achromatomaly
86, 25.591, 134.270

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 67.563, 132.758 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(165, 247, 127)` looks like.

```
.text, #text, p{  
    color:rgb(165, 247, 127)  
}
```

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(165, 247, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 247, 127) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 67.563, 132.758 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(165, 247, 127) }
```

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

```
.border{ border-color:rgb(165, 247, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 247, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 247, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 247, 127);  
box-shadow:4px 4px 4px 4px rgb(165, 247,  
127) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 67.563, 132.758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 247, 127) }
```

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

```
.background{ background-color: rgb(165,  
247, 127) }
```

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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