

Converting Colors

CIELCh(67, 13.589, 146.017)

Have a look what the booklet for
CIELCh(67, 13.589, 146.017)
contains.

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Color

CIELCh(67, 13.949, 146.214)

Conversions

Conversions Part 1

Format	Color
Hex	93A995
RGB	147, 169, 149
RGB Percent	58%, 66%, 58%
CMY	0.4244, 0.3382, 0.4166
CMYK	0.13, 0.00, 0.12, 0.34
HSL	125°, 11%, 62%
HSV	125°, 13%, 66%
XYZ	31.5413, 36.6320, 33.7451
YIQ	160.1420, -6.6920, -10.8840

Conversions

Conversions Part 2

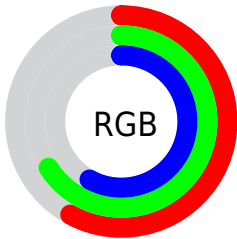
Format	Color
RYB	147, 167, 169
Decimal	9677205
CIELab	67.00, -11.59, 7.76
CIELCh	67, 13.949, 146.214
Yxy	36.6320, 0.3095, 0.3594
Android (android.graphics.Color)	4287867285 (0xFF93A995)
YUV	160.1420, -5.4930, -11.5255
Hunter-Lab	60.5244, -12.8953, 9.3101

Details

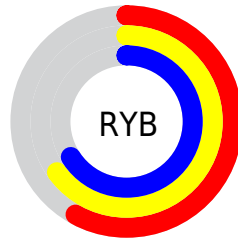
The CIELCh color $67, 13.949, 146.214$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $63, 13.975, 327.719$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 13.854, 146.272$, and $47, 14.219, 146.031$ is the 20% darker color. If you saturate the color by 10%, you get $66, 24.730, 145.469$, and if you desaturate by 10%, it is $69, 3.221, 146.904$.

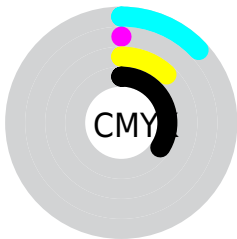
Distribution



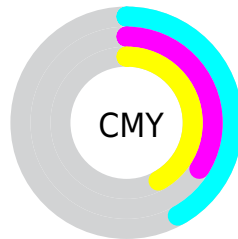
- Red (58%)
- Green (66%)
- Blue (58%)



- Red (58%)
- Yellow (65%)
- Blue (66%)



- Cyan (13%)
- Magenta (0%)
- Yellow (12%)
- Black (34%)





- Cyan (42%)
- Magenta (34%)
- Yellow (42%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 13.949, 146.214 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 67, 13.949, 146.214 by changing the saturation by 10% instead.


 67, 13.949,
146.214


 67, 13.949,
146.214


 100, 13.949,
146.214


 57, 13.949,
146.214


 87, 13.949,
146.214

 47, 13.949,
146.214

 97, 13.949,
146.214

 37, 13.949,
146.214

 27, 13.949,
146.214

 17, 13.949,
146.214

 7, 13.949, 146.214

 0, 13.949, 146.214

67, 13.949,
146.214

67, 13.949,
146.214

66, 24.730,
145.469

69, 3.221, 146.904

64, 35.408,
144.607

70, 7.348, 327.333

63, 45.791,
143.614

72, 17.681,
327.815

62, 55.642,
142.488

74, 27.727,
328.217

61, 64.683,
141.245

77, 37.460,
328.562

61, 72.607,
139.930


79, 46.866,
328.861

61, 79.090,
138.628

80, 53.854,
326.281

60, 83.837,

137.460

 60, 86.112,
136.874

Harmonies

Complementary

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



67, 13.949, 146.214



63, 13.975, 327.719

Rectangle

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



67, 13.949, 146.214



67, 13.949, 196.214



67, 13.949, 326.214



67, 13.949, 16.214

Sweetspot

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



67, 13.951, 146.214



87, 5.262, 146.823



68, 12.051, 112.383



46, 3.737, 146.771



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



67, 13.951, 146.214



84, 21.223, 145.983



67, 9.731, 167.287



35, 6.029, 146.469



53, 77.933, 136.991



5, 11.061, 146.626

Inverse Universe

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



63, 13.975, 327.719



79, 21.258, 327.909



63, 9.963, 349.536



33, 6.041, 327.498



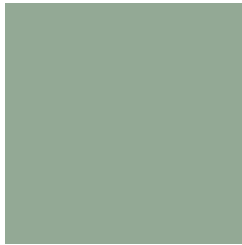
34, 71.779, 332.144



2, 10.710, 328.025

Previews

White Background



This preview shows how the CIELCh color 67, 13.949, 146.214 looks on a white background.

Color Contrast Check

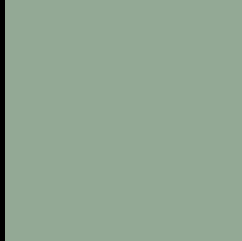
Large Text (above 18pt) WCAG AA × Fail

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 67, 13.949, 146.214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

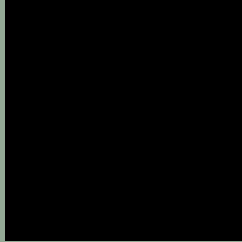
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 13.949, 146.214

Background



This preview shows how black text looks on a background with the CIELCh color 67, 13.949, 146.214.



This preview shows how white text looks on a background with the CIELCh color 67, 13.949, 146.214.

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](#).

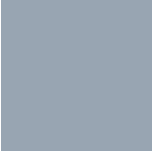
Dichromacy



Original Color
67, 13.949, 146.214

Protanopia
67, 9.875, 90.357

Deuteranopia
67, 10.880, 37.835



Tritanopia
67, 8.467, 257.418

Trichromacy



Original Color
67, 13.949, 146.214

Protanomaly
67, 9.933, 113.687

Deuteranomaly
67, 7.010, 79.133

Tritanomaly
67, 5.915, 204.352

Monochromacy



Original Color
67, 13.949, 146.214

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 4.956, 147.805

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 13.949, 146.214 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(147, 169, 149)` looks like.

```
.text, #text, p{  
    color:rgb(147, 169, 149)  
}
```

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(147, 169, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 169, 149) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 13.949, 146.214 is called "border". The border property can be set on classes, ids or directly on the HTML element.

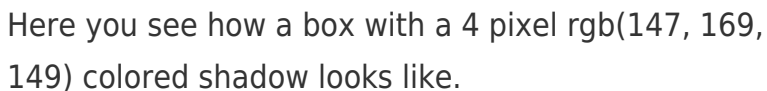
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(147, 169, 149) }
```

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

```
.border{ border-color:rgb(147, 169, 149) }
```

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



Here you see how a box with a 4 pixel `rgb(147, 169, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(147, 169, 149); -webkit-box-shadow:4px 4px 4px 4px rgb(147, 169, 149); box-shadow:4px 4px 4px 4px rgb(147, 169, 149) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 13.949, 146.214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 169, 149) }
```

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

```
.background{ background-color: rgb(147,  
169, 149) }
```

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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