

Converting Colors

CIELCh(67, 14.912, 143.792)

Have a look what the booklet for
CIELCh(67, 14.912, 143.792)
contains.

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Color

CIELCh(67, 14.851, 143.681)

Conversions

Conversions Part 1

Format	Color
Hex	93A993
RGB	147, 169, 147
RGB Percent	58%, 66%, 58%
CMY	0.4239, 0.3377, 0.4239
CMYK	0.13, 0.00, 0.13, 0.34
HSL	120°, 11%, 62%
HSV	120°, 13%, 66%
XYZ	31.4395, 36.6320, 32.9739
YIQ	159.9140, -6.0500, -11.5060

Conversions

Conversions Part 2

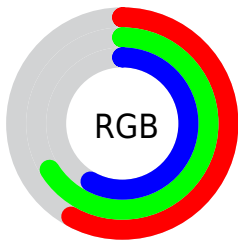
Format	Color
RYB	147, 169, 169
Decimal	9677203
CIELab	67.00, -11.97, 8.80
CIELCh	67, 14.851, 143.681
Yxy	36.6320, 0.3111, 0.3625
Android (android.graphics.Color)	4287867283 (0xFF93A993)
YUV	159.9140, -6.3666, -11.3256
Hunter-Lab	60.5244, -13.1954, 10.0656

Details

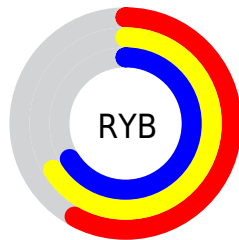
The CIELCh color $67, 14.851, 143.681$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $63, 14.870, 325.129$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 14.709, 143.850$, and $47, 15.185, 143.380$ is the 20% darker color. If you saturate the color by 10%, you get $66, 26.334, 142.958$, and if you desaturate by 10%, it is $69, 3.422, 144.343$.

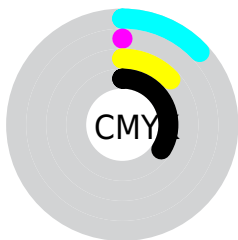
Distribution



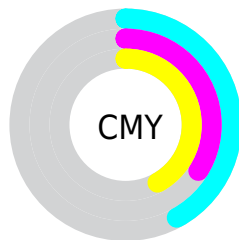
- Red (58%)
- Green (66%)
- Blue (58%)



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



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





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 14.851, 143.681 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, 14.851, 143.681 by changing the saturation by 10% instead.


 67, 14.851,
143.681


 67, 14.851,
143.681


 100, 14.851,
143.681


 57, 14.851,
143.681


 87, 14.851,
143.681

 47, 14.851,
143.681

 97, 14.851,
143.681

 37, 14.851,
143.681

 27, 14.851,
143.681

 17, 14.851,
143.681

 7, 14.851, 143.681

 0, 14.851, 143.681

67, 14.851,
143.681

67, 14.851,
143.681

66, 26.334,
142.958

69, 3.422, 144.343

64, 37.693,
142.122

70, 7.835, 324.765

63, 48.700,
141.167

72, 18.834,
325.220

62, 59.062,
140.109

75, 29.521,
325.595

61, 68.421,
138.991

77, 39.870,
325.913

61, 76.353,
137.899


79, 49.867,
326.182

60, 82.410,
136.963

80, 53.776,
326.278

60, 86.241,

136.320

 60, 87.973,
136.016

Harmonies

Complementary

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



67, 14.851, 143.681



63, 14.870, 325.129

Rectangle

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



67, 14.851, 143.681



67, 14.851, 193.681



67, 14.851, 323.681



67, 14.851, 13.681

Sweetspot

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



67, 14.853, 143.681



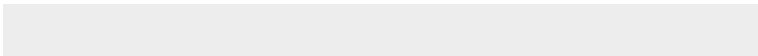
87, 5.602, 144.267



69, 12.021, 108.940



46, 3.978, 144.217



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, 14.853, 143.681



84, 22.597, 143.457



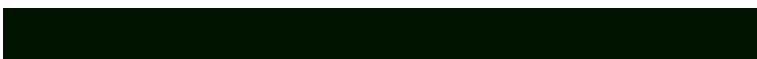
67, 10.330, 162.596



35, 6.419, 143.928



53, 79.798, 136.016



5, 11.671, 144.444

Inverse Universe

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



63, 14.870, 325.129



79, 22.618, 325.308



63, 10.502, 344.706



33, 6.429, 324.921



35, 76.991, 328.234



2, 11.673, 324.440

Previews

White Background



This preview shows how the CIELCh color 67, 14.851, 143.681 looks on a white background.

Color Contrast Check

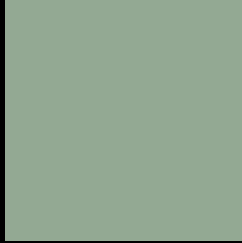
Large Text (above 18pt) WCAG AA × Fail

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, 14.851, 143.681 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

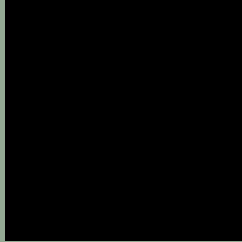
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 14.851, 143.681

Background



This preview shows how black text looks on a background with the CIELCh color 67, 14.851, 143.681.

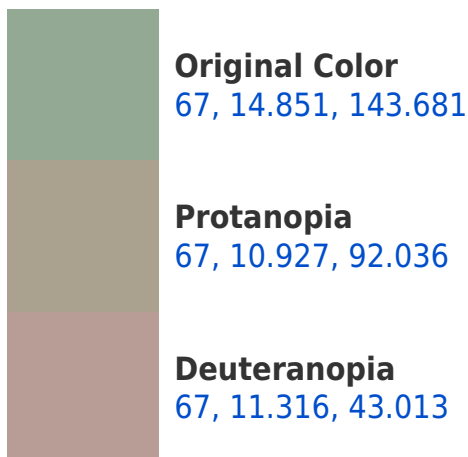


This preview shows how white text looks on a background with the CIELCh color 67, 14.851, 143.681.

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
67, 8.467, 257.418

Trichromacy



Original Color
67, 14.851, 143.681

Protanomaly
67, 11.599, 114.842

Deuteranomaly
67, 7.989, 82.929

Tritanomaly
67, 5.915, 204.352

Monochromacy



Original Color
67, 14.851, 143.681

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 5.404, 144.210

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 14.851, 143.681 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, 147)` looks like.

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

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, 147) colored shadow looks like.

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

Border

The CSS property to change the border of an element to CIELCh 67, 14.851, 143.681 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, 147) }
```

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

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

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, 147)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to CIELCh 67, 14.851, 143.681 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, 147) }
```

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

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

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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