

Converting Colors

CIELCh(67, 11.948, 145.924)

Have a look what the booklet for
CIELCh(67, 11.948, 145.924)
contains.

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Color

CIELCh(67, 11.927, 146.761)

Conversions

Conversions Part 1

Format	Color
Hex	95A897
RGB	149, 168, 151
RGB Percent	58%, 66%, 59%
CMY	0.4157, 0.3411, 0.4078
CMYK	0.11, 0.00, 0.10, 0.34
HSL	126°, 10%, 62%
HSV	126°, 11%, 66%
XYZ	31.9855, 36.6320, 34.6654
YIQ	160.3810, -5.8670, -9.3150

Conversions

Conversions Part 2

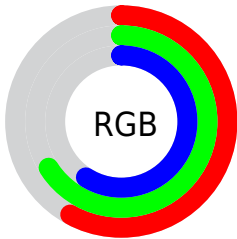
Format	Color
RYB	149, 166, 168
Decimal	9808023
CIELab	67.00, -9.98, 6.54
CIElCh	67, 11.927, 146.761
Yxy	36.6320, 0.3097, 0.3547
Android (android.graphics.Color)	4287998103 (0xFF95A897)
YUV	160.3810, -4.6248, -9.9811
Hunter-Lab	60.5244, -11.5851, 8.4086

Details

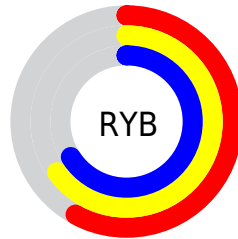
The CIELCh color $67, 11.927, 146.761$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $64, 11.952, 328.056$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 11.937, 146.749$, and $47, 12.059, 146.679$ is the 20% darker color. If you saturate the color by 10%, you get $66, 22.562, 146.029$, and if you desaturate by 10%, it is $69, 1.366, 147.540$.

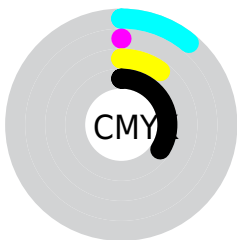
Distribution



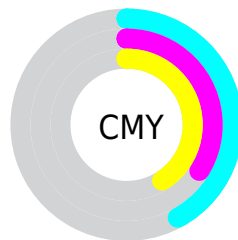
- Red (58%)
- Green (66%)
- Blue (59%)



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



- Cyan (11%)
- Magenta (0%)
- Yellow (10%)
- Black (34%)





- Cyan (42%)
- Magenta (34%)
- Yellow (41%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 11.927, 146.761 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, 11.927, 146.761 by changing the saturation by 10% instead.


 67, 11.927,
146.761


 67, 11.927,
146.761


 100, 11.927,
146.761


 57, 11.927,
146.761


 87, 11.927,
146.761

 47, 11.927,
146.761

 97, 11.927,
146.761

 37, 11.927,
146.761

 27, 11.927,
146.761

 17, 11.927,
146.761

 7, 11.927, 146.761

 0, 11.927, 146.761

67, 11.927,
146.761

67, 11.927,
146.761

66, 22.562,
146.029

69, 1.366, 147.540

64, 33.124,
145.185

70, 9.025, 327.860

63, 43.436,
144.210

72, 19.173,
328.329

62, 53.274,
143.098

74, 29.034,
328.726

61, 62.378,
141.858

77, 38.583,
329.068

61, 70.460,
140.525


79, 47.811,
329.366

60, 77.216,
139.170

80, 54.314,
326.296

60, 82.361,

137.902

 60, 85.456,
137.053

Harmonies

Complementary

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



67, 11.927, 146.761



64, 11.952, 328.056

Rectangle

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



67, 11.927, 146.761



67, 11.927, 196.761



67, 11.927, 326.761



67, 11.927, 16.761

Sweetspot

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



67, 11.929, 146.761



87, 3.901, 147.335



68, 10.432, 113.206



46, 2.956, 147.272



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, 11.929, 146.761



85, 18.368, 146.555



67, 8.321, 168.460



35, 5.969, 146.898



53, 77.585, 137.176



5, 10.966, 146.991

Inverse Universe

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



64, 11.952, 328.056



80, 18.402, 328.230



64, 8.506, 350.390



33, 5.982, 327.935



34, 70.993, 332.831



2, 10.570, 328.620

Previews

White Background



This preview shows how the CIELCh color 67, 11.927, 146.761 looks on a white background.

Color Contrast Check

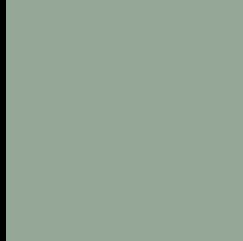
Large Text (above 18pt) WCAG AA × Fail

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, 11.927, 146.761 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

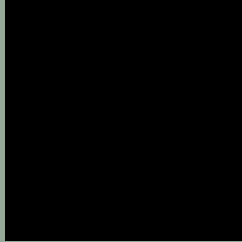
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

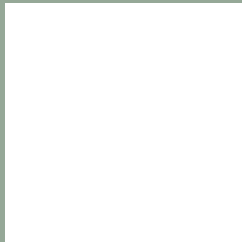
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 11.927, 146.761

Background



This preview shows how black text looks on a background with the CIELCh color 67, 11.927, 146.761.



This preview shows how white text looks on a background with the CIELCh color 67, 11.927, 146.761.

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, 11.927, 146.761

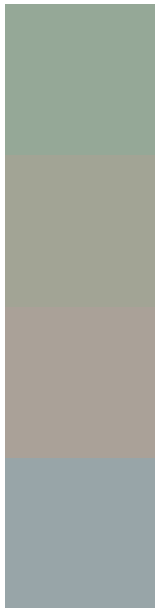
Protanopia
67, 8.178, 89.576

Deuteranopia
67, 10.147, 32.710



Tritanopia
67, 8.125, 261.670

Trichromacy



Original Color
67, 11.927, 146.761

Protanomaly
67, 8.292, 114.726

Deuteranomaly
67, 6.074, 74.098

Tritanomaly
67, 5.042, 218.342

Monochromacy



Original Color
67, 11.927, 146.761

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 4.279, 148.417

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 11.927, 146.761 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(149, 168, 151)` looks like.

```
.text, #text, p{  
    color:rgb(149, 168, 151)  
}
```

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(149, 168, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 168, 151) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 11.927, 146.761 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(149, 168, 151) }
```

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

```
.border{ border-color:rgb(149, 168, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 168, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 168, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 168, 151);  
box-shadow:4px 4px 4px 4px rgb(149, 168,  
151) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 11.927, 146.761 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 168, 151) }
```

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

```
.background{ background-color: rgb(149,  
168, 151) }
```

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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