

Converting Colors

CIELCh(67, 19.904, 131.640)

Have a look what the booklet for
CIELCh(67, 19.904, 131.640)
contains.

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Color

CIELCh(67, 19.783, 131.846)

Conversions

Conversions Part 1

Format	Color
Hex	95A988
RGB	149, 169, 136
RGB Percent	58%, 66%, 53%
CMY	0.4150, 0.3365, 0.4660
CMYK	0.12, 0.00, 0.20, 0.34
HSL	96°, 16%, 60%
HSV	96°, 20%, 66%
XYZ	31.1047, 36.6320, 28.7888
YIQ	159.2580, -1.3270, -14.5030

Conversions

Conversions Part 2

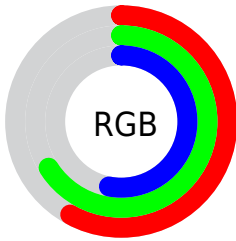
Format	Color
RYB	136, 169, 156
Decimal	9808264
CIELab	67.00, -13.20, 14.74
CIELCh	67, 19.783, 131.846
Yxy	36.6320, 0.3222, 0.3795
Android (android.graphics.Color)	4287998344 (0xFF95A988)
YUV	159.2580, -11.4662, -8.9963
Hunter-Lab	60.5244, -14.1828, 14.1654

Details

The CIELCh color $67, 19.783, 131.846$ is a light color, and the websafe version is hex 999966 . A complement of this color would be $60, 20.183, 313.507$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 19.866, 131.812$, and $47, 19.905, 131.780$ is the 20% darker color. If you saturate the color by 10%, you get $66, 29.902, 131.365$, and if you desaturate by 10%, it is $68, 9.623, 132.306$.

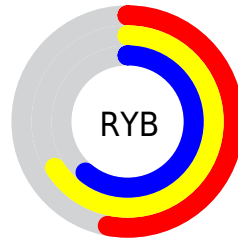
Distribution



Red (58%)

Green (66%)

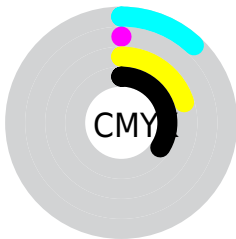
Blue (53%)



Red (53%)

Yellow (66%)

Blue (61%)

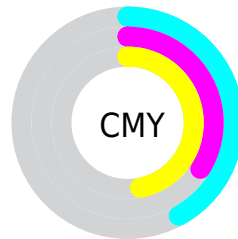


Cyan (12%)

Magenta (0%)

Yellow (20%)

Black (34%)



Cyan (42%)

Magenta (34%)

Yellow (47%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 19.783, 131.846 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, 19.783, 131.846 by changing the saturation by 10% instead.

 67, 19.783,
131.846


 67, 19.783,
131.846


 100, 19.783,
131.846


 57, 19.783,
131.846

 87, 19.783,
131.846

 47, 19.783,
131.846

 97, 19.783,
131.846

 37, 19.783,
131.846

 27, 19.783,
131.846

 17, 19.783,
131.846

 7, 19.783, 131.846

 0, 19.783, 131.846

67, 19.783,
131.846

67, 19.783,
131.846

66, 29.902,
131.365

68, 9.623, 132.306

65, 39.859,
130.871

69, 0.502, 312.438

64, 49.493,
130.399

71, 10.530,
313.066

63, 58.573,
130.001

72, 20.421,
313.405

63, 66.783,
129.761

74, 30.147,
313.701

62, 73.720,
129.793

75, 39.687,
313.960

62, 78.974,
130.219

77, 49.032,
314.187

61, 82.596,

78, 50.322,
317.908

130.990

■ 79, 51.614,
321.604

■ 61, 82.763,
131.023

Harmonies

Complementary

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



67, 19.783, 131.846



60, 20.183, 313.507

Rectangle

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



67, 19.783, 131.846



67, 19.783, 181.846



67, 19.783, 311.846



67, 19.783, 1.846

Sweetspot

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



67, 19.785, 131.848



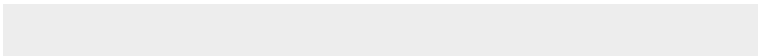
87, 7.485, 132.459



65, 12.215, 82.933



46, 4.959, 132.432



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, 19.785, 131.848



84, 28.807, 131.662



66, 20.843, 146.011



35, 5.701, 132.317



54, 74.838, 130.856



5, 10.551, 134.487

Inverse Universe

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



60, 20.183, 313.507



73, 29.504, 313.683



61, 20.878, 328.376



33, 5.761, 313.054



25, 81.158, 314.766



1, 10.214, 310.051

Previews

White Background



This preview shows how the CIELCh color 67, 19.783, 131.846 looks on a white background.

Color Contrast Check

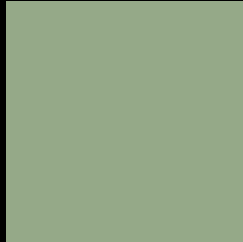
Large Text (above 18pt) WCAG AA × Fail

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, 19.783, 131.846 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

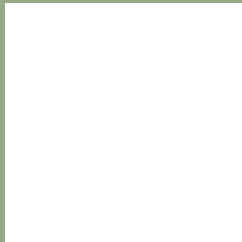
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 19.783, 131.846

Background



This preview shows how black text looks on a background with the CIELCh color 67, 19.783, 131.846.

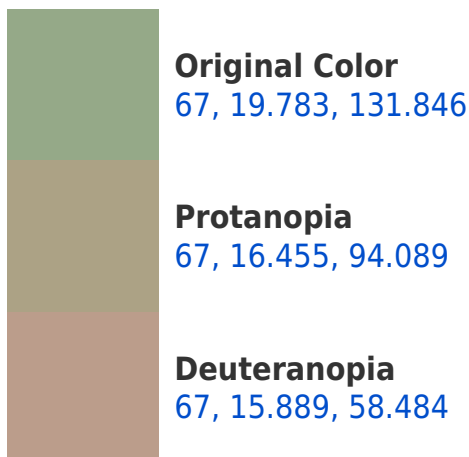


This preview shows how white text looks on a background with the CIELCh color 67, 19.783, 131.846.

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, 7.819, 266.294

Trichromacy



Original Color
67, 19.783, 131.846

Protanomaly
67, 16.990, 109.759

Deuteranomaly
67, 13.568, 87.811

Tritanomaly
67, 5.386, 174.801

Monochromacy



Original Color
67, 19.783, 131.846

Achromatopsia
65, 0.008, 296.813

Achromatomaly
66, 7.337, 134.387

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 19.783, 131.846 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, 169, 136)` looks like.

```
.text, #text, p{  
    color:rgb(149, 169, 136)  
}
```

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, 169, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 169, 136) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 19.783, 131.846 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, 169, 136) }
```

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

```
.border{ border-color:rgb(149, 169, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 169, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 169, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 169, 136);  
box-shadow:4px 4px 4px 4px rgb(149, 169,  
136) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 19.783, 131.846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 169, 136) }
```

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

```
.background{ background-color: rgb(149,  
169, 136) }
```

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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