

Converting Colors

CIELCh(67, 19.808, 146.827)

Have a look what the booklet for
CIELCh(67, 19.808, 146.827)
contains.

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Color

CIELCh(67, 19.808, 146.827)

Conversions

Conversions Part 1

Format	Color
Hex	8BAB8F
RGB	139, 171, 143
RGB Percent	55%, 67%, 56%
CMY	0.4546, 0.3291, 0.4389
CMYK	0.19, 0.00, 0.16, 0.33
HSL	127°, 16%, 61%
HSV	127°, 19%, 67%
XYZ	30.1978, 36.6320, 31.4924
YIQ	158.2400, -10.0840, -15.4920

Conversions

Conversions Part 2

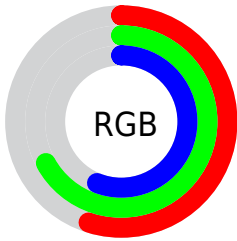
Format	Color
RYB	139, 167, 171
Decimal	9153423
CIELab	67.00, -16.58, 10.84
CIElCh	67, 19.808, 146.827
Yxy	36.6320, 0.3071, 0.3726
Android (android.graphics.Color)	4287343503 (0xFF8BAB8F)
YUV	158.2400, -7.5133, -16.8735
Hunter-Lab	60.5244, -16.8576, 11.5169

Details

The CIELCh color $67, 19.808, 146.827$ is a dark color, and the websafe version is hex $99CC99$. A complement of this color would be $62, 19.851, 329.121$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 19.417, 146.995$, and $47, 19.988, 147.444$ is the 20% darker color. If you saturate the color by 10%, you get $66, 30.413, 146.006$, and if you desaturate by 10%, it is $69, 9.176, 147.543$.

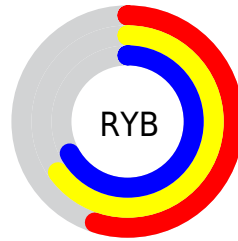
Distribution



Red (55%)

Green (67%)

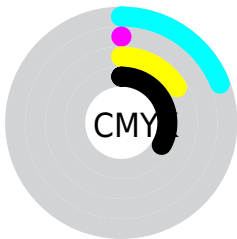
Blue (56%)



Red (55%)

Yellow (65%)

Blue (67%)

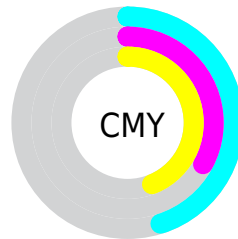


Cyan (19%)

Magenta (0%)

Yellow (16%)

Black (33%)



Cyan (45%)


Magenta (33%)


Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 19.808, 146.827 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, 19.808, 146.827 by changing the saturation by 10% instead.


 67, 19.808,
146.827

 67, 19.808,
146.827


 100, 19.808,
146.827


 57, 19.808,
146.827


 87, 19.808,
146.827

 47, 19.808,
146.827

 97, 19.808,
146.827

 37, 19.808,
146.827

 27, 19.808,
146.827

 17, 19.808,
146.827

 7, 19.808, 146.827

 0, 19.808, 146.827

67, 19.808,
146.827

67, 19.808,
146.827

66, 30.413,
146.006

69, 9.176, 147.543

64, 40.819,
145.056

70, 1.359, 327.927

63, 50.818,
143.967

72, 11.702,
328.610

63, 60.167,
142.738

74, 21.790,
329.065

62, 68.594,
141.392

76, 31.583,
329.455

61, 75.816,
139.982

78, 41.062,
329.793


61, 81.556,
138.600

80, 49.528,
328.738

61, 85.649,

81, 52.449,
326.234

137.419

 61, 86.075,
137.307

Harmonies

Complementary

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



67, 19.808, 146.827



62, 19.851, 329.121

Rectangle

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



67, 19.808, 146.827



67, 19.808, 196.827



67, 19.808, 326.827



67, 19.808, 16.827

Sweetspot

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



67, 19.810, 146.827



87, 7.795, 147.720



69, 17.495, 113.303



46, 5.215, 147.677



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



67, 19.810, 146.827



84, 28.801, 146.539



67, 13.755, 168.756



36, 6.034, 147.501



54, 78.060, 137.442



6, 12.915, 147.334

Inverse Universe

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



62, 19.851, 329.121



76, 28.860, 329.342



61, 14.297, 352.214



34, 6.048, 328.554



34, 70.798, 333.824



2, 12.256, 329.707

Previews

White Background



This preview shows how the CIELCh color 67, 19.808, 146.827 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 CIE LCh color 67, 19.808, 146.827 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

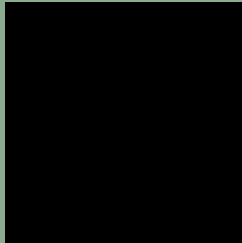
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 19.808, 146.827

Background



This preview shows how black text looks on a background with the CIELCh color 67, 19.808, 146.827.



This preview shows how white text looks on a background with the CIELCh color 67, 19.808, 146.827.

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, 19.808, 146.827

Protanopia
67, 13.159, 92.801

Deuteranopia
67, 12.493, 49.048



Tritanopia
67, 10.190, 243.985

Trichromacy



Original Color
67, 19.808, 146.827

Protanomaly
67, 13.946, 118.586

Deuteranomaly
67, 9.648, 94.870

Tritanomaly
67, 9.236, 191.759

Monochromacy



Original Color
67, 19.808, 146.827

Achromatopsia
65, 0.008, 296.813

Achromatomaly
66, 7.232, 148.975

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 19.808, 146.827 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(139, 171, 143)` looks like.

```
.text, #text, p{  
    color:rgb(139, 171, 143)  
}
```

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(139, 171, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 171, 143) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 19.808, 146.827 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(139, 171, 143) }
```

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

```
.border{ border-color:rgb(139, 171, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 171, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 171, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 171, 143);  
box-shadow:4px 4px 4px 4px rgb(139, 171,  
143) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 19.808, 146.827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 171, 143) }
```

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

```
.background{ background-color: rgb(139,  
171, 143) }
```

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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