

Converting Colors

CIELCh(67, 15.990, 146.711)

Have a look what the booklet for
CIELCh(67, 15.990, 146.711)
contains.

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Color

CIELCh(67, 16.203, 146.787)

Conversions

Conversions Part 1

Format	Color
Hex	90AA93
RGB	144, 170, 147
RGB Percent	56%, 67%, 58%
CMY	0.4365, 0.3345, 0.4247
CMYK	0.15, 0.00, 0.14, 0.33
HSL	127°, 13%, 61%
HSV	127°, 15%, 67%
XYZ	31.0078, 36.6320, 32.9156
YIQ	159.6040, -8.1130, -12.6650

Conversions

Conversions Part 2

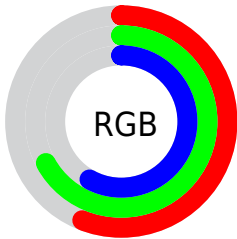
Format	Color
RYB	144, 167, 170
Decimal	9480851
CIELab	67.00, -13.56, 8.88
CIElCh	67, 16.203, 146.787
Yxy	36.6320, 0.3084, 0.3643
Android (android.graphics.Color)	4287670931 (0xFF90AA93)
YUV	159.6040, -6.2138, -13.6847
Hunter-Lab	60.5244, -14.4687, 10.1228

Details

The CIELCh color $67, 16.203, 146.787$ is a light color, and the websafe version is hex 669999 . A complement of this color would be $63, 16.237, 328.613$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 15.993, 146.874$, and $47, 16.622, 146.537$ is the 20% darker color. If you saturate the color by 10%, you get $66, 26.838, 146.009$, and if you desaturate by 10%, it is $69, 5.590, 147.478$.

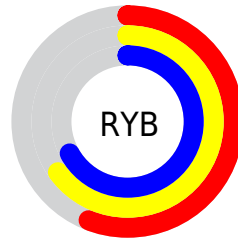
Distribution



Red (56%)

Green (67%)

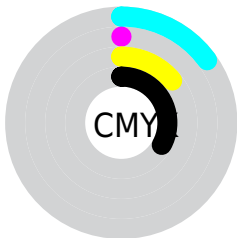
Blue (58%)



Red (56%)

Yellow (65%)

Blue (67%)

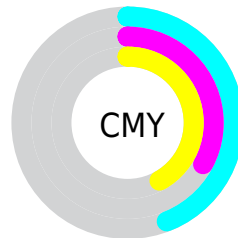


Cyan (15%)

Magenta (0%)

Yellow (14%)

Black (33%)



Cyan (44%)


Magenta (33%)


Yellow (42%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 16.203, 146.787 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, 16.203, 146.787 by changing the saturation by 10% instead.


 67, 16.203,
146.787


 67, 16.203,
146.787


 100, 16.203,
146.787


 57, 16.203,
146.787


 87, 16.203,
146.787

 47, 16.203,
146.787

 97, 16.203,
146.787

 37, 16.203,
146.787

 27, 16.203,
146.787

 17, 16.203,
146.787

 7, 16.203, 146.787

 0, 16.203, 146.787

67, 16.203,
146.787

67, 16.203,
146.787

66, 26.838,
146.009

69, 5.590, 147.478

64, 37.334,
145.109

70, 4.890, 327.948

63, 47.496,
144.073

72, 15.153,
328.470

62, 57.089,
142.899

74, 25.144,
328.897

62, 65.846,
141.601

76, 34.832,
329.264

61, 73.477,
140.226

79, 44.200,
329.582


61, 79.690,
138.854

80, 51.958,
327.336

61, 84.233,

80, 53.291,
326.262

137.610

 61, 85.825,
137.180

Harmonies

Complementary

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



67, 16.203, 146.787



63, 16.237, 328.613

Rectangle

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



67, 16.203, 146.787



67, 16.203, 196.787



67, 16.203, 326.787



67, 16.203, 16.787

Sweetspot

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



67, 16.205, 146.787



87, 6.533, 147.494



69, 14.231, 112.883



47, 4.496, 147.447



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, 16.205, 146.787



85, 23.705, 146.564



67, 11.344, 168.069



35, 5.926, 147.209



53, 77.318, 137.320



5, 10.899, 147.255

Inverse Universe

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



63, 16.237, 328.613



78, 23.751, 328.792



62, 11.684, 350.798



33, 5.939, 328.251



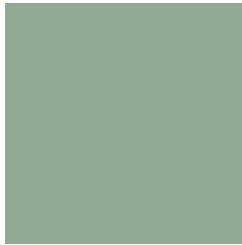
34, 70.441, 333.333



2, 10.471, 329.048

Previews

White Background



This preview shows how the CIELCh color 67, 16.203, 146.787 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, 16.203, 146.787 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

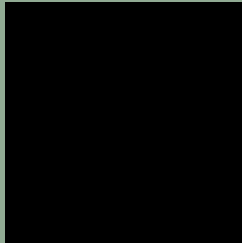
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 16.203, 146.787

Background



This preview shows how black text looks on a background with the CIELCh color 67, 16.203, 146.787.



This preview shows how white text looks on a background with the CIELCh color 67, 16.203, 146.787.

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, 16.203, 146.787

Protanopia
67, 10.927, 92.036

Deuteranopia
67, 11.316, 43.013



Tritanopia
67, 9.064, 251.755

Trichromacy



Original Color
67, 16.203, 146.787

Protanomaly
67, 11.717, 118.664

Deuteranomaly
67, 8.178, 89.576

Tritanomaly
67, 7.343, 198.835

Monochromacy



Original Color
67, 16.203, 146.787

Achromatopsia
65, 0.008, 296.813

Achromatomaly
66, 5.878, 150.191

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 16.203, 146.787 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(144, 170, 147)` looks like.

```
.text, #text, p{  
    color:rgb(144, 170, 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(144, 170, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 170, 147) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 16.203, 146.787 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(144, 170, 147) }
```

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

```
.border{ border-color:rgb(144, 170, 147) }
```

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

Here you see how a box with a 4 pixel rgb(144, 170, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 170, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 170, 147);  
box-shadow:4px 4px 4px 4px rgb(144, 170,  
147) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 16.203, 146.787 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 170, 147) }
```

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

```
.background{ background-color: rgb(144,  
170, 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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