

Converting Colors

CIELCh(67, 19.195, 103.275)

Have a look what the booklet for
CIELCh(67, 19.195, 103.275)
contains.

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Color

CIELCh(67, 19.239, 103.259)

Conversions

Conversions Part 1

Format	Color
Hex	A8A481
RGB	168, 164, 129
RGB Percent	66%, 64%, 51%
CMY	0.3398, 0.3555, 0.4928
CMYK	0.00, 0.02, 0.23, 0.34
HSL	54°, 18%, 58%
HSV	54°, 23%, 66%
XYZ	33.5451, 36.6320, 26.1875
YIQ	161.2060, 13.6190, -10.0370

Conversions

Conversions Part 2

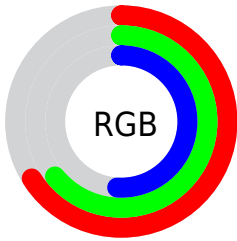
Format	Color
RYB	133, 168, 129
Decimal	11052161
CIELab	67.00, -4.41, 18.73
CIELCh	67, 19.239, 103.259
Yxy	36.6320, 0.3481, 0.3801
Android (android.graphics.Color)	4289242241 (0xFFA8A481)
YUV	161.2060, -15.8776, 5.9583
Hunter-Lab	60.5244, -6.9855, 16.7137

Details

The CIELCh color **67, 19.239, 103.259** is a light color, and the websafe version is hex **999966**. A complement of this color would be **56, 20.047, 288.510**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **87, 19.290, 103.983**, and **47, 18.810, 102.091** is the 20% darker color. If you saturate the color by 10%, you get **66, 27.466, 102.199**, and if you desaturate by 10%, it is **68, 10.943, 104.316**.

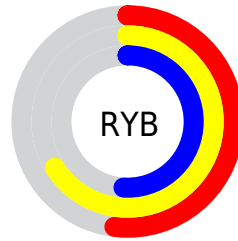
Distribution



Red (66%)

Green (64%)

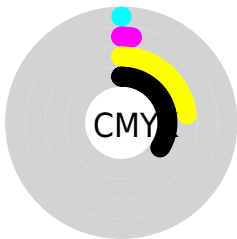
Blue (51%)



Red (52%)

Yellow (66%)

Blue (51%)

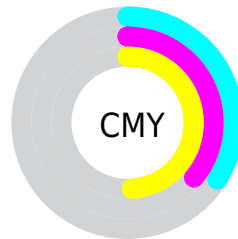


Cyan (0%)

Magenta (2%)

Yellow (23%)

Black (34%)



Cyan (34%)


Magenta (36%)


Yellow (49%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 19.239, 103.259 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, 19.239, 103.259 by changing the saturation by 10% instead.


 67, 19.239,
103.259


 67, 19.239,
103.259


 100, 19.239,
103.259


 57, 19.239,
103.259


 87, 19.239,
103.259

 47, 19.239,
103.259

 97, 19.239,
103.259

 37, 19.239,
103.259

 27, 19.239,
103.259

 17, 19.239,
103.259

 7, 19.239, 103.259

 0, 19.239, 103.259

67, 19.239,
103.259

67, 19.239,
103.259

66, 27.466,
102.199

68, 10.943,
104.316

65, 35.527,
101.136

69, 2.630, 105.323

65, 43.275,
100.089

70, 5.666, 286.381

64, 50.473, 99.076

71, 13.924,
287.342

64, 56.765, 98.116

72, 22.130,
288.270

63, 61.684, 97.222

73, 30.279,
289.157

62, 64.767, 96.395

74, 38.363,
290.001

62, 66.102, 95.856

75, 41.577,
289.888

■ 75, 40.617,
288.941

Harmonies

Complementary

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



67, 19.239, 103.259



56, 20.047, 288.510

Rectangle

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



67, 19.239, 103.259



67, 19.239, 153.259



67, 19.239, 283.259



67, 19.239, 333.259

Sweetspot

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



67, 19.240, 103.264



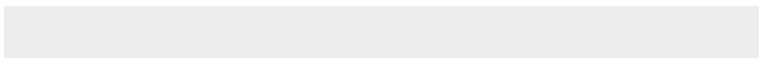
87, 7.202, 104.937



58, 16.078, 12.004



46, 4.673, 104.881



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, 19.240, 103.264



85, 28.791, 102.697



67, 22.174, 123.724



35, 4.697, 104.718



55, 60.144, 95.937



5, 8.261, 103.797

Inverse Universe

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



56, 20.047, 288.510



69, 30.327, 289.318



57, 23.064, 306.169



33, 4.777, 286.703



18, 83.953, 304.609



1, 8.727, 286.367

Previews

White Background



This preview shows how the CIELCh color 67, 19.239, 103.259 looks on a white background.

Color Contrast Check

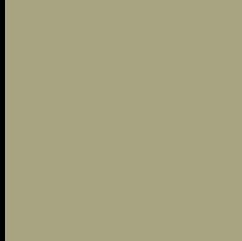
Large Text (above 18pt) WCAG AA × Fail

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, 19.239, 103.259 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

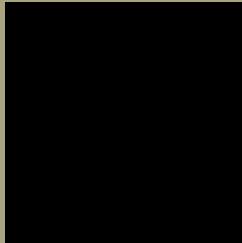
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

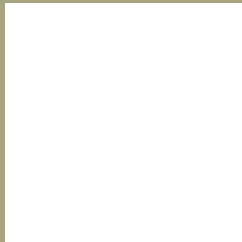
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 19.239, 103.259

Background



This preview shows how black text looks on a background with the CIELCh color 67, 19.239, 103.259.



This preview shows how white text looks on a background with the CIELCh color 67, 19.239, 103.259.

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, 19.239, 103.259

Protanopia

67, 19.100, 95.733

Deuteranopia

67, 20.024, 65.266



Tritanopia
67, 8.755, 331.024

Trichromacy



Original Color
67, 19.239, 103.259

Protanomaly
67, 18.934, 98.185

Deuteranomaly
67, 18.930, 79.577

Tritanomaly
67, 5.081, 52.378

Monochromacy



Original Color
67, 19.239, 103.259

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 7.162, 106.287

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 19.239, 103.259 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(168, 164, 129)` looks like.

```
.text, #text, p{  
    color:rgb(168, 164, 129)  
}
```

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(168, 164, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 164, 129) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 19.239, 103.259 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(168, 164, 129) }
```

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

```
.border{ border-color:rgb(168, 164, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 164, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 164, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 164, 129);  
box-shadow:4px 4px 4px 4px rgb(168, 164,  
129) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 19.239, 103.259 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 164, 129) }
```

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

```
.background{ background-color: rgb(168,  
164, 129) }
```

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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