

Converting Colors

CIELCh(67, 3.947, 19.624)

Have a look what the booklet for
CIELCh(67, 3.947, 19.624) contains.

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Color

CIELCh(67, 3.847, 19.631)

Conversions

Conversions Part 1

Format	Color
Hex	ABA1A1
RGB	171, 161, 161
RGB Percent	67%, 63%, 63%
CMY	0.3301, 0.3693, 0.3693
CMYK	0.00, 0.06, 0.06, 0.33
HSL	0°, 6%, 65%
HSV	0°, 6%, 67%
XYZ	35.8862, 36.6320, 38.8150
YIQ	163.9900, 5.9600, 2.1200

Conversions

Conversions Part 2

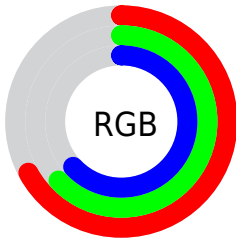
Format	Color
RYB	171, 161, 161
Decimal	11248033
CIELab	67.00, 3.62, 1.29
CIElCh	67, 3.847, 19.631
Yxy	36.6320, 0.3223, 0.3290
Android (android.graphics.Color)	4289438113 (0xFFABA1A1)
YUV	163.9900, -1.4741, 6.1478
Hunter-Lab	60.5244, -0.0810, 4.3436

Details

The CIELCh color $67, 3.847, 19.631$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $69, 3.709, 199.246$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 3.633, 19.508$, and $47, 3.720, 19.752$ is the 20% darker color. If you saturate the color by 10%, you get $62, 10.829, 20.459$, and if you desaturate by 10%, it is $72, 2.620, 199.406$.

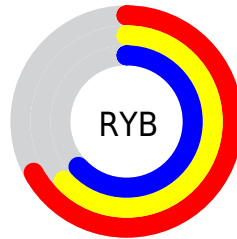
Distribution



Red (67%)

Green (63%)

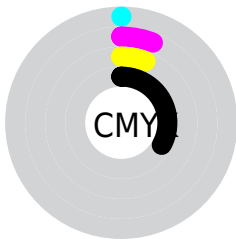
Blue (63%)



Red (67%)

Yellow (63%)

Blue (63%)

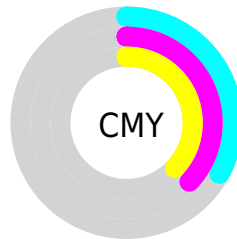


Cyan (0%)

Magenta (6%)

Yellow (6%)

Black (33%)



Cyan (33%)

Magenta (37%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 3.847, 19.631 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, 3.847, 19.631 by changing the saturation by 10% instead.

 67, 3.847, 19.631  67, 3.847, 19.631

 100, 3.847, 19.631  57, 3.847, 19.631

 87, 3.847, 19.631  47, 3.847, 19.631


 97, 3.847, 19.631  37, 3.847, 19.631

 27, 3.847, 19.631

 17, 3.847, 19.631

 7, 3.847, 19.631

 0, 3.847, 19.631

 67, 3.847, 19.631  67, 3.847, 19.631

 62, 10.829, 20.459  72, 2.620, 199.406

57, 18.349, 21.409

77, 8.605, 198.830

53, 26.389, 22.629

82, 14.159,
198.451

48, 34.875, 24.215

87, 19.328,
198.155

45, 43.658, 26.272

41, 52.507, 28.896

92, 24.160,
197.916

39, 61.098, 32.095

95, 26.531,
197.782

37, 68.931, 35.621

36, 75.009, 38.705

Harmonies

Complementary

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



67, 3.847, 19.631



69, 3.709, 199.246

Rectangle

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



67, 3.847, 19.631



67, 3.847, 69.631



67, 3.847, 199.631



67, 3.847, 249.631

Sweetspot

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



67, 3.846, 19.655



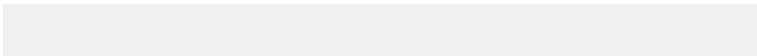
87, 1.602, 19.179



67, 6.717, 324.723



47, 0.918, 19.151



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, 3.846, 19.655



84, 5.717, 19.761



68, 3.332, 74.624



34, 2.957, 19.785



30, 69.022, 39.364



1, 6.570, 19.426

Inverse Universe

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



69, 3.709, 199.246



87, 5.472, 199.155



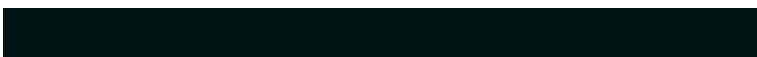
68, 3.297, 256.243



35, 2.824, 199.135



55, 33.373, 196.432



5, 6.569, 199.458

Previews

White Background



This preview shows how the CIELCh color 67, 3.847, 19.631 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, 3.847, 19.631 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

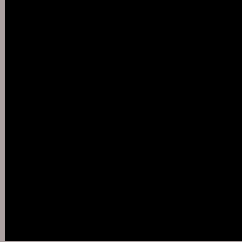
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 3.847, 19.631

Background



This preview shows how black text looks on a background with the CIELCh color 67, 3.847, 19.631.

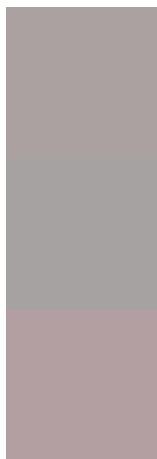


This preview shows how white text looks on a background with the CIELCh color 67, 3.847, 19.631.

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, 3.847, 19.631

Protanopia

67, 1.527, 19.233

Deuteranopia

67, 8.310, 8.698



Tritanopia
67, 8.732, 324.823

Trichromacy



Original Color
67, 3.847, 19.631

Protanomaly
67, 2.296, 19.406

Deuteranomaly
67, 6.669, 10.471

Tritanomaly
67, 6.373, 336.098

Monochromacy



Original Color
67, 3.847, 19.631

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 1.143, 19.093

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 3.847, 19.631 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(171, 161, 161)` looks like.

```
.text, #text, p{  
    color:rgb(171, 161, 161)  
}
```

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(171, 161, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 161, 161) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 3.847, 19.631 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(171, 161, 161) }
```

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

```
.border{ border-color:rgb(171, 161, 161) }
```

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

Here you see how a box with a 4 pixel rgb(171, 161, 161) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 161, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 161, 161);  
box-shadow:4px 4px 4px 4px rgb(171, 161,  
161) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 3.847, 19.631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 161, 161) }
```

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

```
.background{ background-color: rgb(171,  
161, 161) }
```

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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