

Converting Colors

CIELCh(69, 3.802, 26.967)

Have a look what the booklet for
CIELCh(69, 3.802, 26.967) contains.

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Color

CIELCh(69, 3.867, 27.742)

Conversions

Conversions Part 1

Format	Color
Hex	B0A6A5
RGB	176, 166, 165
RGB Percent	69%, 65%, 65%
CMY	0.3088, 0.3481, 0.3520
CMYK	0.00, 0.06, 0.06, 0.31
HSL	5°, 7%, 67%
HSV	5°, 6%, 69%
XYZ	38.4535, 39.3444, 41.2801
YIQ	168.8760, 6.2810, 1.8090

Conversions

Conversions Part 2

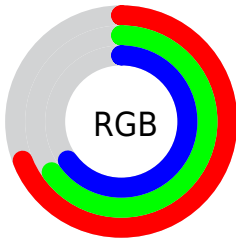
Format	Color
RYB	176, 166, 165
Decimal	11576997
CIELab	69.00, 3.42, 1.80
CIELCh	69, 3.867, 27.742
Yxy	39.3444, 0.3229, 0.3304
Android (android.graphics.Color)	4289767077 (0xFFB0A6A5)
YUV	168.8760, -1.9109, 6.2477
Hunter-Lab	62.7251, -0.3400, 4.8881

Details

The CIELCh color $69, 3.867, 27.742$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $71, 3.717, 207.725$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $89, 4.017, 26.957$, and $49, 3.749, 28.700$ is the 20% darker color. If you saturate the color by 10%, you get $64, 10.476, 28.231$, and if you desaturate by 10%, it is $74, 2.236, 207.875$.

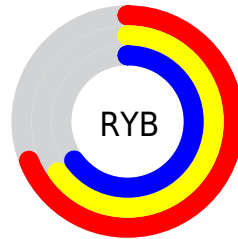
Distribution



Red (69%)

Green (65%)

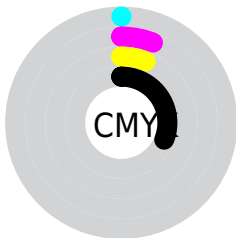
Blue (65%)



Red (69%)

Yellow (65%)

Blue (65%)

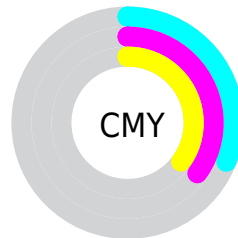


Cyan (0%)

Magenta (6%)

Yellow (6%)

Black (31%)



Cyan (31%)

Magenta (35%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 3.867, 27.742 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 69, 3.867, 27.742 by changing the saturation by 10% instead.

 69, 3.867, 27.742  69, 3.867, 27.742

 100, 3.867, 27.742  59, 3.867, 27.742

 89, 3.867, 27.742  49, 3.867, 27.742

 99, 3.867, 27.742  39, 3.867, 27.742

 29, 3.867, 27.742

 19, 3.867, 27.742

 9, 3.867, 27.742

 0, 3.867, 27.742

 69, 3.867, 27.742  69, 3.867, 27.742

 64, 10.476, 28.231  74, 2.236, 207.875

60, 17.630, 28.798

78, 7.875, 207.557

56, 25.342, 29.574

83, 13.100,
207.447

51, 33.586, 30.629

88, 17.960,
207.406

48, 42.286, 32.030

44, 51.280, 33.830

93, 22.498,
207.409

41, 60.286, 36.005

95, 25.041,
197.873

39, 68.754, 38.328

38, 75.567, 40.195

Harmonies

Complementary

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



69, 3.867, 27.742



71, 3.717, 207.725

Rectangle

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



69, 3.867, 27.742



69, 3.867, 77.742



69, 3.867, 207.742



69, 3.867, 257.742

Sweetspot

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



69, 3.866, 27.769



90, 1.509, 27.372



69, 6.944, 327.087



48, 0.857, 27.346



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



69, 3.866, 27.769



87, 5.392, 27.814



70, 3.898, 83.027



36, 2.849, 27.830



32, 69.667, 40.921



2, 8.550, 25.701

Inverse Universe

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



71, 3.717, 207.725



90, 5.155, 207.692



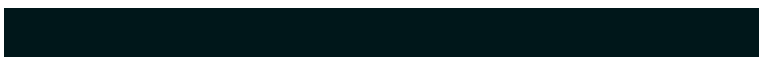
69, 3.881, 264.745



37, 2.718, 207.680



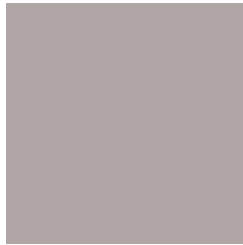
53, 30.733, 212.179



6, 8.074, 212.058

Previews

White Background



This preview shows how the CIELCh color 69, 3.867, 27.742 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 69, 3.867, 27.742 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

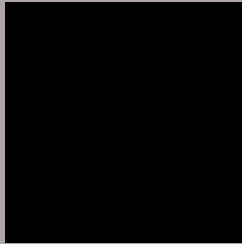
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

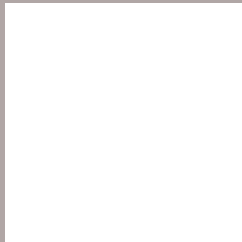
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 3.867, 27.742

Background



This preview shows how black text looks on a background with the CIELCh color 69, 3.867, 27.742.



This preview shows how white text looks on a background with the CIELCh color 69, 3.867, 27.742.

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


69, 3.867, 27.742

Protanopia

69, 1.863, 55.192

Deuteranopia

69, 8.645, 9.226



Tritanopia
69, 8.901, 326.835

Trichromacy



Original Color
69, 3.867, 27.742

Protanomaly
69, 2.721, 31.053

Deuteranomaly
69, 7.014, 11.015

Tritanomaly
69, 6.338, 336.084

Monochromacy



Original Color
69, 3.867, 27.742

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 1.517, 19.218

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 3.867, 27.742 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(176, 166, 165)` looks like.

```
.text, #text, p{  
    color:rgb(176, 166, 165)  
}
```

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(176, 166, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 166, 165) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 3.867, 27.742 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(176, 166, 165) }
```

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

```
.border{ border-color:rgb(176, 166, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 166, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 166, 165); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 166, 165); box-shadow:4px 4px 4px 4px rgb(176, 166, 165) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 3.867, 27.742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 166, 165) }
```

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

```
.background{ background-color: rgb(176,  
166, 165) }
```

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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