

Converting Colors

CIELCh(69, 4.695, 72.896)

Have a look what the booklet for
CIELCh(69, 4.695, 72.896) contains.

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Color

CIELCh(69, 4.911, 70.665)

Conversions

Conversions Part 1

Format	Color
Hex	AFA7A0
RGB	175, 167, 160
RGB Percent	69%, 65%, 63%
CMY	0.3133, 0.3447, 0.3721
CMYK	0.00, 0.05, 0.09, 0.31
HSL	28°, 9%, 66%
HSV	28°, 9%, 69%
XYZ	37.8958, 39.3444, 38.9027
YIQ	168.5940, 7.0150, -0.4810

Conversions

Conversions Part 2

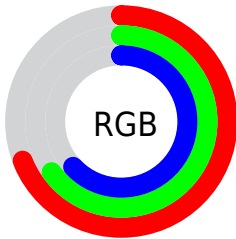
Format	Color
RYB	175, 173, 160
Decimal	11511712
CIELab	69.00, 1.63, 4.63
CIELCh	69, 4.911, 70.665
Yxy	39.3444, 0.3263, 0.3388
Android (android.graphics.Color)	4289701792 (0xFFAFA7A0)
YUV	168.5940, -4.2368, 5.6181
Hunter-Lab	62.7251, -1.9271, 7.1353

Details

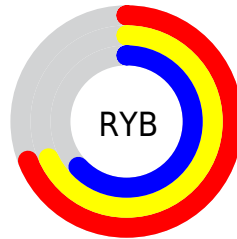
The CIELCh color $69, 4.911, 70.665$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $68, 4.797, 252.875$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $89, 4.881, 67.496$, and $49, 4.835, 66.064$ is the 20% darker color. If you saturate the color by 10%, you get $66, 10.925, 69.564$, and if you desaturate by 10%, it is $72, 0.809, 252.355$.

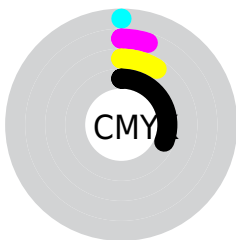
Distribution



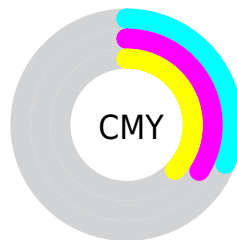
- Red (69%)
- Green (65%)
- Blue (63%)



- Red (69%)
- Yellow (68%)
- Blue (63%)



- Cyan (0%)
- Magenta (5%)
- Yellow (9%)
- Black (31%)



- Cyan (31%)
- Magenta (34%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 4.911, 70.665 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, 4.911, 70.665 by changing the saturation by 10% instead.

 69, 4.911, 70.665  69, 4.911, 70.665


 100, 4.911, 70.665  59, 4.911, 70.665

 89, 4.911, 70.665  49, 4.911, 70.665


 99, 4.911, 70.665  39, 4.911, 70.665

 29, 4.911, 70.665

 19, 4.911, 70.665

 9, 4.911, 70.665

 0, 4.911, 70.665

 69, 4.911, 70.665  69, 4.911, 70.665

 66, 10.925, 69.564  72, 0.809, 252.355

63, 17.256, 68.404

75, 6.265, 253.100

61, 23.921, 67.241

78, 11.485,
254.175

58, 30.914, 66.079

81, 16.497,
255.231

55, 38.184, 64.911

53, 45.594, 63.696

84, 21.325,
256.255

50, 52.834, 62.337

87, 22.081,
248.227

48, 59.306, 60.619

46, 64.425, 58.378

89, 21.204,
232.281

92, 21.955,
216.443

94, 24.128,
202.714

Harmonies

Complementary

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



69, 4.911, 70.665



68, 4.797, 252.875

Rectangle

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



69, 4.911, 70.665



69, 4.911, 120.665



69, 4.911, 250.665



69, 4.911, 300.665

Sweetspot

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



69, 4.911, 70.689



89, 2.090, 71.192



67, 7.239, 342.530



48, 1.602, 71.144



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, 4.911, 70.689



87, 7.108, 70.515



71, 7.881, 107.979



35, 3.226, 70.610



39, 58.123, 58.606



4, 6.438, 61.605

Inverse Universe

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



68, 4.797, 252.875



86, 6.905, 253.078



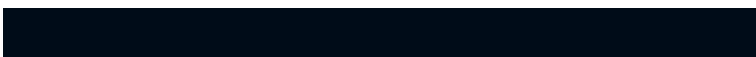
66, 8.031, 289.711



35, 3.143, 252.966



34, 44.880, 279.796



3, 7.183, 261.643

Previews

White Background



This preview shows how the CIELCh color 69, 4.911, 70.665 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 69, 4.911, 70.665 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

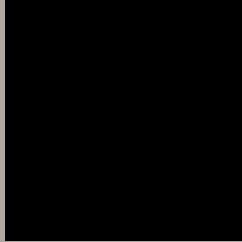
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

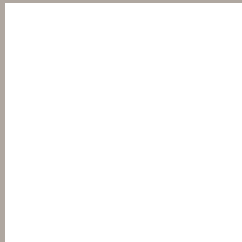
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 4.911, 70.665

Background



This preview shows how black text looks on a background with the CIELCh color 69, 4.911, 70.665.



This preview shows how white text looks on a background with the CIELCh color 69, 4.911, 70.665.

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, 4.911, 70.665

Protanopia

69, 4.769, 85.821

Deuteranopia

69, 9.441, 26.807



Tritanopia
69, 8.901, 326.835

Trichromacy



Original Color
69, 4.911, 70.665

Protanomaly
69, 4.937, 81.682

Deuteranomaly
69, 7.576, 32.453

Tritanomaly
69, 5.638, 344.138

Monochromacy



Original Color
69, 4.911, 70.665

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 1.569, 63.353

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 4.911, 70.665 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(175, 167, 160)` looks like.

```
.text, #text, p{  
    color:rgb(175, 167, 160)  
}
```

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(175, 167, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 167, 160) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 4.911, 70.665 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(175, 167, 160) }
```

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

```
.border{ border-color:rgb(175, 167, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 167, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 167, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 167, 160);  
box-shadow:4px 4px 4px 4px rgb(175, 167,  
160) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 4.911, 70.665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 167, 160) }
```

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

```
.background{ background-color: rgb(175,  
167, 160) }
```

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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