

Converting Colors

CIELCh(69, 4.108, 61.180)

Have a look what the booklet for
CIELCh(69, 4.108, 61.180) contains.

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Color

CIELCh(69, 4.107, 61.216)

Conversions

Conversions Part 1

Format	Color
Hex	AFA7A2
RGB	175, 167, 162
RGB Percent	69%, 65%, 64%
CMY	0.3138, 0.3452, 0.3648
CMYK	0.00, 0.05, 0.07, 0.31
HSL	23°, 8%, 66%
HSV	23°, 7%, 69%
XYZ	38.0045, 39.3444, 39.7596
YIQ	168.8220, 6.3730, 0.1410

Conversions

Conversions Part 2

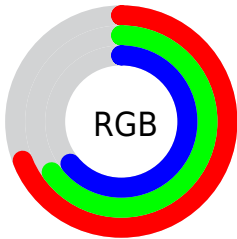
Format	Color
RYB	175, 170, 162
Decimal	11511714
CIELab	69.00, 1.98, 3.60
CIELCh	69, 4.107, 61.216
Yxy	39.3444, 0.3245, 0.3360
Android (android.graphics.Color)	4289701794 (0xFFAFA7A2)
YUV	168.8220, -3.3632, 5.4181
Hunter-Lab	62.7251, -1.6177, 6.3253

Details

The CIELCh color **69, 4.107, 61.216** is a light color, and the websafe version is hex **999999**. A complement of this color would be **69, 3.988, 242.924**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 4.162, 57.988**, and **49, 4.420, 60.976** is the 20% darker color. If you saturate the color by 10%, you get **66, 9.952, 60.358**, and if you desaturate by 10%, it is **72, 1.386, 242.603**.

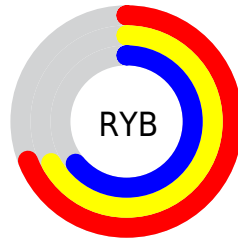
Distribution



Red (69%)

Green (65%)

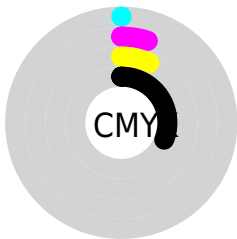
Blue (64%)



Red (69%)

Yellow (67%)

Blue (64%)

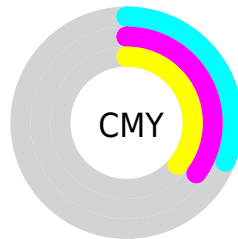


Cyan (0%)

Magenta (5%)

Yellow (7%)

Black (31%)



Cyan (31%)


Magenta (35%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 4.107, 61.216 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, 4.107, 61.216 by changing the saturation by 10% instead.

 69, 4.107, 61.216  69, 4.107, 61.216

 100, 4.107, 61.216  59, 4.107, 61.216

 89, 4.107, 61.216  49, 4.107, 61.216

 99, 4.107, 61.216  39, 4.107, 61.216

 29, 4.107, 61.216

 19, 4.107, 61.216

 9, 4.107, 61.216

 0, 4.107, 61.216

 69, 4.107, 61.216  69, 4.107, 61.216

 66, 9.952, 60.358  72, 1.386, 242.603

63, 16.184, 59.456

76, 6.564, 243.330

59, 22.833, 58.585

79, 11.463,
244.257

56, 29.910, 57.762

82, 16.118,
245.185

53, 37.388, 56.986

51, 45.169, 56.232

86, 20.558,
246.095

48, 53.000, 55.409

89, 21.249,
233.797

46, 60.333, 54.305

44, 66.376, 52.634

92, 22.079,
215.572

95, 24.765,
200.196

95, 25.394,
197.852

Harmonies

Complementary

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



69, 4.107, 61.216



69, 3.988, 242.924

Rectangle

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



69, 4.107, 61.216



69, 4.107, 111.216



69, 4.107, 241.216



69, 4.107, 291.216

Sweetspot

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



69, 4.107, 61.246



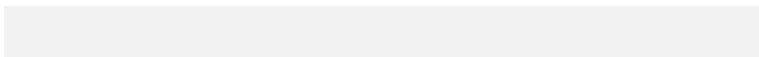
89, 1.339, 61.490



68, 6.643, 338.354



48, 0.767, 61.479



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, 4.107, 61.246



87, 6.182, 61.100



71, 6.269, 104.196



35, 3.126, 61.088



37, 60.555, 52.783



3, 6.389, 53.278

Inverse Universe

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



69, 3.988, 242.924



87, 5.954, 243.099



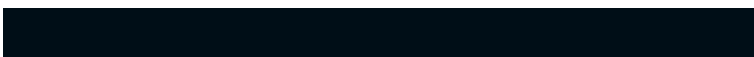
67, 6.356, 285.806



35, 3.008, 243.114



38, 38.097, 269.307



3, 6.751, 253.298

Previews

White Background



This preview shows how the CIELCh color 69, 4.107, 61.216 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, 4.107, 61.216 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

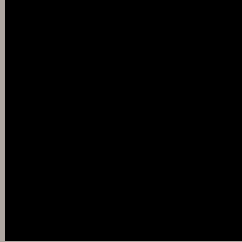
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

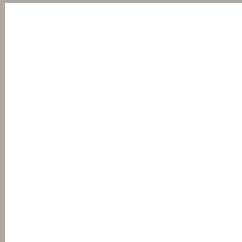
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 4.107, 61.216

Background



This preview shows how black text looks on a background with the CIELCh color 69, 4.107, 61.216.



This preview shows how white text looks on a background with the CIELCh color 69, 4.107, 61.216.

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, 4.107, 61.216

Protanopia

69, 3.788, 79.316

Deuteranopia

69, 9.334, 20.194



Tritanopia
69, 8.471, 322.692

Trichromacy



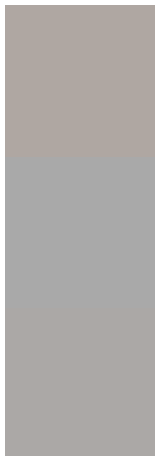
Original Color
69, 4.107, 61.216

Protanomaly
69, 3.997, 74.513

Deuteranomaly
69, 7.383, 24.228

Tritanomaly
69, 5.036, 338.983

Monochromacy



Original Color
69, 4.107, 61.216

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, 4.107, 61.216 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, 162)` looks like.

```
.text, #text, p{  
    color:rgb(175, 167, 162)  
}
```

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, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 167, 162) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 4.107, 61.216 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, 162) }
```

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

```
.border{ border-color:rgb(175, 167, 162) }
```

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, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 167, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 167, 162);  
box-shadow:4px 4px 4px 4px rgb(175, 167,  
162) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 4.107, 61.216 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, 162) }
```

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

```
.background{ background-color: rgb(175,  
167, 162) }
```

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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