

Converting Colors

CIELCh(69, 3.812, 354.050)

Have a look what the booklet for
CIELCh(69, 3.812, 354.050) contains.

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Color

CIELCh(69, 3.808, 354.047)

Conversions

Conversions Part 1

Format	Color
Hex	AFA6A9
RGB	175, 166, 169
RGB Percent	69%, 65%, 66%
CMY	0.3130, 0.3483, 0.3365
CMYK	0.00, 0.05, 0.03, 0.31
HSL	340°, 5%, 67%
HSV	340°, 5%, 69%
XYZ	38.5674, 39.3444, 43.1866
YIQ	169.0330, 4.4010, 2.8410

Conversions

Conversions Part 2

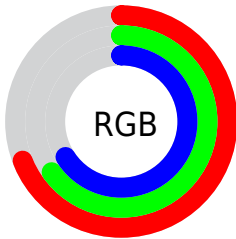
Format	Color
RYB	175, 166, 169
Decimal	11511465
CIELab	69.00, 3.79, -0.39
CIElCh	69, 3.808, 354.047
Yxy	39.3444, 0.3185, 0.3249
Android (android.graphics.Color)	4289701545 (0xFFAFA6A9)
YUV	169.0330, -0.0163, 5.2331
Hunter-Lab	62.7251, -0.0157, 3.0860

Details

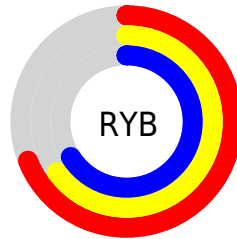
The CIELCh color $69, 3.808, 354.047$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $71, 3.751, 173.361$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $89, 3.940, 356.226$, and $49, 4.076, 354.262$ is the 20% darker color. If you saturate the color by 10%, you get $64, 11.421, 355.129$, and if you desaturate by 10%, it is $74, 3.521, 173.416$.

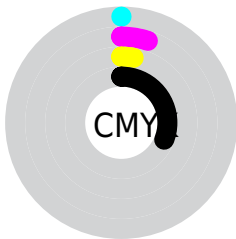
Distribution



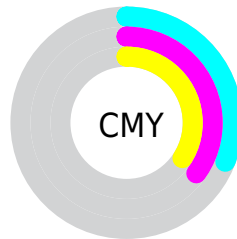
- Red (69%)
- Green (65%)
- Blue (66%)



- Red (69%)
- Yellow (65%)
- Blue (66%)



- Cyan (0%)
- Magenta (5%)
- Yellow (3%)
- Black (31%)



- Cyan (31%)
- Magenta (35%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 3.808, 354.047 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, 3.808, 354.047 by changing the saturation by 10% instead.

69, 3.808, 354.047

69, 3.808, 354.047

100, 3.808,
354.047

59, 3.808, 354.047

89, 3.808, 354.047

49, 3.808, 354.047

99, 3.808, 354.047

39, 3.808, 354.047

29, 3.808, 354.047

19, 3.808, 354.047

9, 3.808, 354.047

0, 3.808, 354.047

69, 3.808, 354.047

69, 3.808, 354.047

64, 11.421,

74, 3.521, 173.416

355.129

79, 10.539,
172.554

59, 19.269,
356.288

84, 17.249,
171.833

55, 27.242,
357.633

89, 23.665,
171.186

51, 35.161,
359.237

94, 29.806,
170.596

47, 42.761, 1.194

95, 27.552,
180.539

43, 49.700, 3.631

41, 55.619, 6.707

95, 25.689,
193.151

39, 60.258, 10.590

95, 25.336,
197.855

37, 63.628, 15.383

Harmonies

Complementary

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



69, 3.808, 354.047



71, 3.751, 173.361

Rectangle

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



69, 3.808, 354.047



69, 3.808, 44.047



69, 3.808, 174.047



69, 3.808, 224.047

Sweetspot

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



69, 3.806, 354.062



89, 1.821, 353.608



69, 5.459, 314.849



48, 1.044, 353.582



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, 3.806, 354.062



87, 5.497, 354.170



69, 2.971, 35.493



35, 2.919, 354.214



31, 58.081, 17.073



2, 8.427, 357.948

Inverse Universe

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



69, 3.806, 354.062



87, 5.497, 354.170



70, 2.881, 215.908



35, 2.919, 354.214



31, 58.081, 17.073



2, 8.427, 357.948

Previews

White Background



This preview shows how the CIELCh color 69, 3.808, 354.047 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, 3.808, 354.047 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

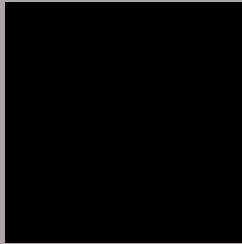
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

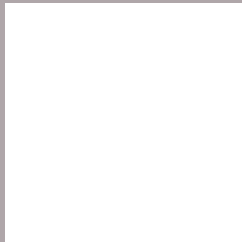
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 3.808, 354.047

Background



This preview shows how black text looks on a background with the CIELCh color 69, 3.808, 354.047.

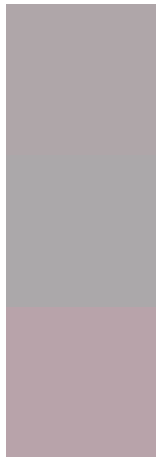


This preview shows how white text looks on a background with the CIELCh color 69, 3.808, 354.047.

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, 3.808, 354.047

Protanopia

69, 1.591, 335.591

Deuteranopia

69, 8.906, 354.720



Tritanopia
69, 8.278, 320.479

Trichromacy



Original Color

69, 3.808, 354.047

Protanomaly

69, 2.821, 343.800

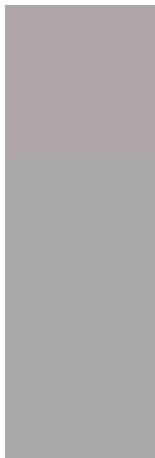
Deuteranomaly

69, 7.282, 353.206

Tritanomaly

69, 6.908, 327.314

Monochromacy



Original Color

69, 3.808, 354.047

Achromatopsia

69, 0.009, 296.813

Achromatomaly

69, 1.269, 353.522

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 3.808, 354.047 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, 166, 169)` looks like.

```
.text, #text, p{  
    color:rgb(175, 166, 169)  
}
```

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, 166, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 166, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 3.808, 354.047 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, 166, 169) }
```

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

```
.border{ border-color:rgb(175, 166, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 166, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 166, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 166, 169);  
box-shadow:4px 4px 4px 4px rgb(175, 166,  
169) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 3.808, 354.047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 166, 169) }
```

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

```
.background{ background-color: rgb(175,  
166, 169) }
```

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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