

Converting Colors

CIELCh(68, 5.086, 354.244)

Have a look what the booklet for
CIELCh(68, 5.086, 354.244) contains.

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Color

CIELCh(68, 5.093, 354.236)

Conversions

Conversions Part 1

Format	Color
Hex	AFA3A7
RGB	175, 163, 167
RGB Percent	69%, 64%, 65%
CMY	0.3147, 0.3617, 0.3461
CMYK	0.00, 0.07, 0.05, 0.31
HSL	340°, 7%, 66%
HSV	340°, 7%, 69%
XYZ	37.6279, 37.9720, 41.7847
YIQ	167.0440, 5.8680, 3.7880

Conversions

Conversions Part 2

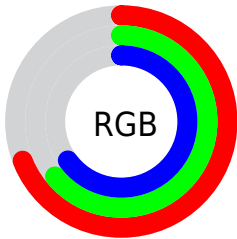
Format	Color
RYB	175, 163, 167
Decimal	11510695
CIELab	68.00, 5.07, -0.51
CIElCh	68, 5.093, 354.236
Yxy	37.9720, 0.3206, 0.3235
Android (android.graphics.Color)	4289700775 (0xFFAFA3A7)
YUV	167.0440, -0.0217, 6.9774
Hunter-Lab	61.6215, 1.1599, 2.9312

Details

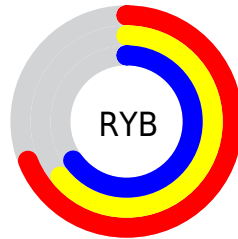
The CIELCh color $68, 5.093, 354.236$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $70, 5.000, 173.170$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $88, 5.156, 355.851$, and $48, 5.458, 354.511$ is the 20% darker color. If you saturate the color by 10%, you get $63, 12.736, 355.313$, and if you desaturate by 10%, it is $73, 2.273, 173.621$.

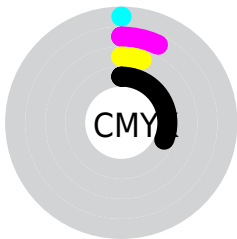
Distribution



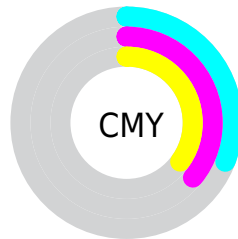
- Red (69%)
- Green (64%)
- Blue (65%)



- Red (69%)
- Yellow (64%)
- Blue (65%)



- Cyan (0%)
- Magenta (7%)
- Yellow (5%)
- Black (31%)



- Cyan (31%)
- Magenta (36%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 5.093, 354.236 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 68, 5.093, 354.236 by changing the saturation by 10% instead.

■ 68, 5.093, 354.236

■ 68, 5.093, 354.236

■ 100, 5.093,
354.236

■ 58, 5.093, 354.236

■ 88, 5.093, 354.236

■ 48, 5.093, 354.236

■ 98, 5.093, 354.236

■ 38, 5.093, 354.236

■ 28, 5.093, 354.236

■ 18, 5.093, 354.236

■ 8, 5.093, 354.236

■ 0, 5.093, 354.236

■ 68, 5.093, 354.236

■ 68, 5.093, 354.236

■ 63, 12.736,

■ 73, 2.273, 173.621

355.313

78, 9.331, 172.683

58, 20.600,
356.499

83, 16.080,
171.947

54, 28.562,
357.883

88, 22.533,
171.288

50, 36.432,
359.540

93, 28.708,
170.690

46, 43.929, 1.569

95, 28.240,
178.054

43, 50.704, 4.102

95, 26.126,
190.181

40, 56.405, 7.304

38, 60.806, 11.338

95, 25.456,
197.848

37, 64.028, 16.245

Harmonies

Complementary

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



68, 5.093, 354.236



70, 5.000, 173.170

Rectangle

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



68, 5.093, 354.236



68, 5.093, 44.236



68, 5.093, 174.236



68, 5.093, 224.236

Sweetspot

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



68, 5.091, 354.247



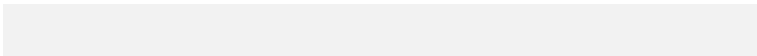
89, 1.821, 353.603



68, 7.292, 314.927



48, 1.044, 353.577



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



68, 5.091, 354.247



85, 7.358, 354.382



68, 3.990, 35.532



34, 4.192, 354.504



31, 58.079, 17.066



2, 8.427, 357.943

Inverse Universe

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



68, 5.091, 354.247



85, 7.358, 354.382



70, 3.825, 215.889



34, 4.192, 354.504



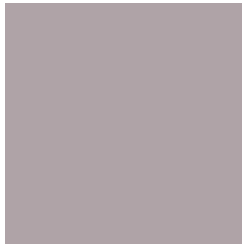
31, 58.079, 17.066



2, 8.427, 357.943

Previews

White Background



This preview shows how the CIELCh color 68, 5.093, 354.236 looks on a white background.

Color Contrast Check

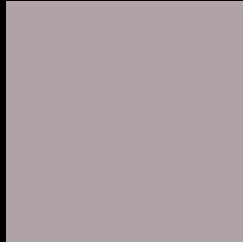
Large Text (above 18pt) WCAG AA × Fail

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 68, 5.093, 354.236 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

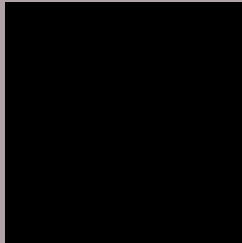
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

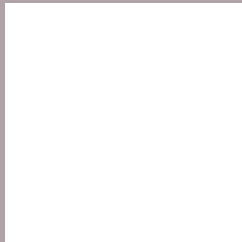
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 68, 5.093, 354.236

Background



This preview shows how black text looks on a background with the CIELCh color 68, 5.093, 354.236.



This preview shows how white text looks on a background with the CIELCh color 68, 5.093, 354.236.

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


68, 5.093, 354.236

Protanopia

68, 2.020, 324.426

Deuteranopia

68, 8.358, 356.958



Tritanopia
68, 8.487, 329.045

Trichromacy



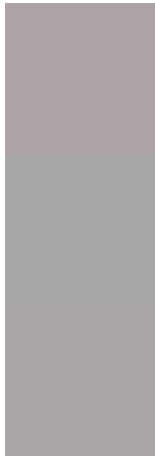
Original Color
68, 5.093, 354.236

Protanomaly
68, 3.185, 335.810

Deuteranomaly
68, 7.076, 357.201

Tritanomaly
68, 7.284, 337.213

Monochromacy



Original Color
68, 5.093, 354.236

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 2.206, 349.492

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 5.093, 354.236 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, 163, 167)` looks like.

```
.text, #text, p{  
    color:rgb(175, 163, 167)  
}
```

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, 163, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 163, 167) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 5.093, 354.236 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, 163, 167) }
```

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

```
.border{ border-color:rgb(175, 163, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 163, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 163, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 163, 167);  
box-shadow:4px 4px 4px 4px rgb(175, 163,  
167) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 5.093, 354.236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 163, 167) }
```

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

```
.background{ background-color: rgb(175,  
163, 167) }
```

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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