

Converting Colors

CIELCh(68, 5.380, 57.229)

Have a look what the booklet for
CIELCh(68, 5.380, 57.229) contains.

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Color

CIELCh(68, 5.386, 57.225)

Conversions

Conversions Part 1

Format	Color
Hex	AFA49E
RGB	175, 164, 158
RGB Percent	69%, 64%, 62%
CMY	0.3150, 0.3581, 0.3816
CMYK	0.00, 0.06, 0.10, 0.31
HSL	21°, 10%, 65%
HSV	21°, 10%, 69%
XYZ	36.9702, 37.9720, 37.5867
YIQ	166.6050, 8.4820, 0.4660

Conversions

Conversions Part 2

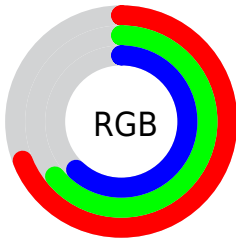
Format	Color
RYB	175, 167, 158
Decimal	11510942
CIELab	68.00, 2.92, 4.53
CIELCh	68, 5.386, 57.225
Yxy	37.9720, 0.3285, 0.3374
Android (android.graphics.Color)	4289701022 (0xFFAFA49E)
YUV	166.6050, -4.2423, 7.3624
Hunter-Lab	61.6215, -0.7452, 6.9704

Details

The CIELCh color $68, 5.386, 57.225$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $68, 5.150, 239.161$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $88, 5.377, 54.980$, and $48, 5.113, 54.712$ is the 20% darker color. If you saturate the color by 10%, you get $65, 11.306, 56.468$, and if you desaturate by 10%, it is $71, 0.151, 241.031$.

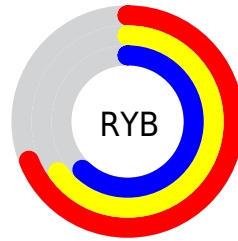
Distribution



Red (69%)

Green (64%)

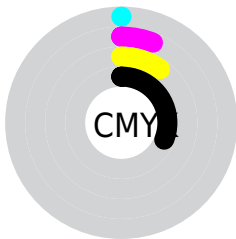
Blue (62%)



Red (69%)

Yellow (65%)

Blue (62%)

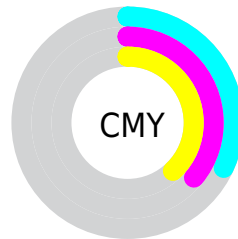


Cyan (0%)

Magenta (6%)

Yellow (10%)

Black (31%)



Cyan (32%)

Magenta (36%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 5.386, 57.225 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, 5.386, 57.225 by changing the saturation by 10% instead.

 68, 5.386, 57.225  68, 5.386, 57.225

 100, 5.386, 57.225  58, 5.386, 57.225

 88, 5.386, 57.225  48, 5.386, 57.225


 98, 5.386, 57.225  38, 5.386, 57.225

 28, 5.386, 57.225

 18, 5.386, 57.225

 8, 5.386, 57.225

 0, 5.386, 57.225

 68, 5.386, 57.225  68, 5.386, 57.225

 65, 11.306, 56.468  71, 0.151, 241.031

61, 17.647, 55.706

75, 5.344, 239.127

58, 24.439, 54.998

78, 10.232,
239.960

55, 31.689, 54.362

82, 14.853,
240.813

52, 39.363, 53.795

49, 47.342, 53.266

85, 19.239,
241.659

46, 55.329, 52.665

89, 21.319,
233.786

44, 62.682, 51.730

42, 68.875, 50.406

92, 22.240,
214.767

95, 25.169,
198.949

95, 25.475,
197.847

Harmonies

Complementary

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



68, 5.386, 57.225



68, 5.150, 239.161

Rectangle

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



68, 5.386, 57.225



68, 5.386, 107.225



68, 5.386, 237.225



68, 5.386, 287.225

Sweetspot

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



68, 5.386, 57.248



89, 2.006, 57.633



67, 8.912, 337.034



47, 1.538, 57.620



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, 5.386, 57.248



85, 8.291, 57.057



70, 7.922, 102.193



35, 3.111, 57.280



36, 61.604, 50.835



3, 6.406, 50.071

Inverse Universe

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



68, 5.150, 239.161



86, 7.826, 239.412



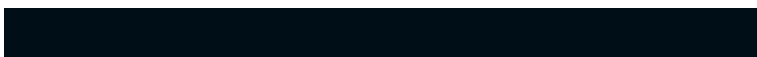
66, 8.041, 284.368



35, 2.981, 239.119



39, 35.875, 264.444



4, 6.618, 249.569

Previews

White Background



This preview shows how the CIELCh color 68, 5.386, 57.225 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 68, 5.386, 57.225 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

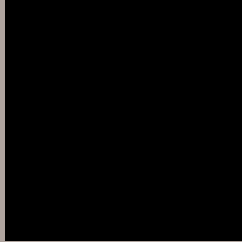
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 5.386, 57.225

Background



This preview shows how black text looks on a background with the CIELCh color 68, 5.386, 57.225.



This preview shows how white text looks on a background with the CIELCh color 68, 5.386, 57.225.

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, 5.386, 57.225

Protanopia

68, 4.286, 82.935

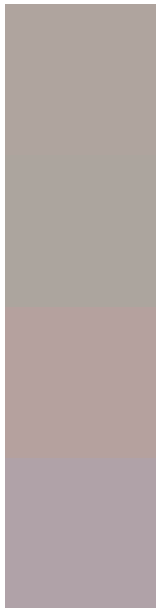
Deuteranopia

68, 9.478, 26.818



Tritanopia
68, 9.395, 330.614

Trichromacy



Original Color
68, 5.386, 57.225

Protanomaly
68, 4.687, 74.376

Deuteranomaly
68, 7.995, 31.874

Tritanomaly
68, 6.292, 348.319

Monochromacy



Original Color
68, 5.386, 57.225

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 1.870, 55.191

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 5.386, 57.225 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, 164, 158)` looks like.

```
.text, #text, p{  
    color:rgb(175, 164, 158)  
}
```

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, 164, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 164, 158) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 5.386, 57.225 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, 164, 158) }
```

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

```
.border{ border-color:rgb(175, 164, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 164, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 164, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 164, 158);  
box-shadow:4px 4px 4px 4px rgb(175, 164,  
158) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 5.386, 57.225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 164, 158) }
```

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

```
.background{ background-color: rgb(175,  
164, 158) }
```

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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