

Converting Colors

CIELCh(68, 4.246, 327.814)

Have a look what the booklet for
CIELCh(68, 4.246, 327.814) contains.

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Color

CIELCh(68, 4.256, 328.788)

Conversions

Conversions Part 1

Format	Color
Hex	ABA4AA
RGB	171, 164, 170
RGB Percent	67%, 64%, 67%
CMY	0.3305, 0.3579, 0.3344
CMYK	0.00, 0.04, 0.01, 0.33
HSL	309°, 4%, 66%
HSV	309°, 4%, 67%
XYZ	37.1908, 37.9720, 43.2629
YIQ	166.7770, 2.2460, 3.3500

Conversions

Conversions Part 2

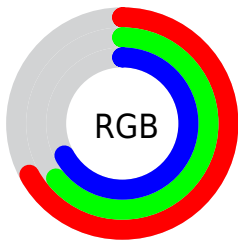
Format	Color
RYB	171, 164, 170
Decimal	11248810
CIELab	68.00, 3.64, -2.21
CIELCh	68, 4.256, 328.788
Yxy	37.9720, 0.3140, 0.3206
Android (android.graphics.Color)	4289438890 (0xFFABA4AA)
YUV	166.7770, 1.5889, 3.7036
Hunter-Lab	61.6215, -0.1064, 1.5090

Details

The CIELCh color $68, 4.256, 328.788$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $69, 4.238, 148.432$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $88, 4.039, 328.716$, and $48, 4.551, 328.899$ is the 20% darker color. If you saturate the color by 10%, you get $63, 14.722, 329.424$, and if you desaturate by 10%, it is $73, 6.051, 148.322$.

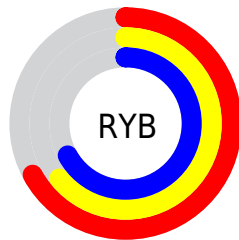
Distribution



Red (67%)

Green (64%)

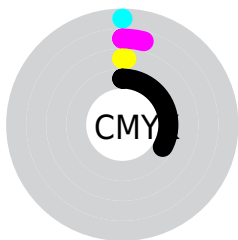
Blue (67%)



Red (67%)

Yellow (64%)

Blue (67%)

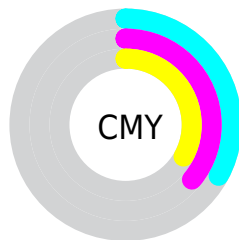


Cyan (0%)

Magenta (4%)

Yellow (1%)

Black (33%)



Cyan (33%)

Magenta (36%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 4.256, 328.788 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, 4.256, 328.788 by changing the saturation by 10% instead.

 68, 4.256, 328.788

 68, 4.256, 328.788

 100, 4.256,
328.788

 58, 4.256, 328.788

 88, 4.256, 328.788

 48, 4.256, 328.788

 98, 4.256, 328.788

 38, 4.256, 328.788

 28, 4.256, 328.788

 18, 4.256, 328.788

 8, 4.256, 328.788

 0, 4.256, 328.788

 68, 4.256, 328.788

 68, 4.256, 328.788

 63, 14.722,

 73, 6.051, 148.322

329.424

77, 16.120,
147.746

59, 25.232,
330.036

82, 25.912,
147.214

55, 35.596,
330.652

87, 35.411,
146.712

51, 45.549,
331.271

92, 44.614,
146.237

48, 54.741,
331.890

93, 47.083,
146.673

45, 62.749,
332.507

93, 46.098,
147.611

42, 69.135,
333.126

93, 45.121,
148.587

41, 73.541,
333.758

93, 44.153,
149.603

40, 75.816,
334.426

Harmonies

Complementary

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



68, 4.256, 328.788



69, 4.238, 148.432

Rectangle

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



68, 4.256, 328.788



68, 4.256, 18.788



68, 4.256, 148.788



68, 4.256, 198.788

Sweetspot

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



68, 4.254, 328.790



88, 1.288, 328.427



68, 3.885, 295.725



47, 0.739, 328.409



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



68, 4.254, 328.790



86, 6.428, 328.860



68, 3.026, 351.740



34, 3.488, 328.892



34, 68.980, 334.743



2, 10.213, 330.224

Inverse Universe

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



68, 4.254, 328.790



86, 6.428, 328.860



69, 2.991, 171.285



34, 3.488, 328.892



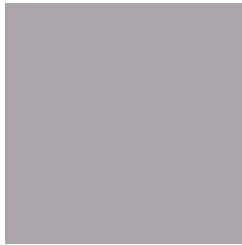
34, 68.980, 334.743



2, 10.213, 330.224

Previews

White Background



This preview shows how the CIELCh color 68, 4.256, 328.788 looks on a white background.

Color Contrast Check

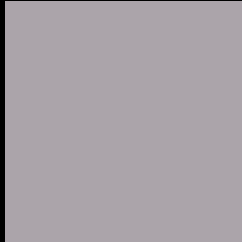
Large Text (above 18pt) WCAG AA × Fail

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, 4.256, 328.788 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

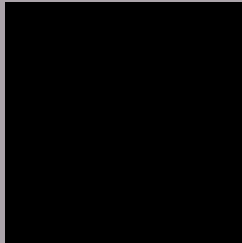
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

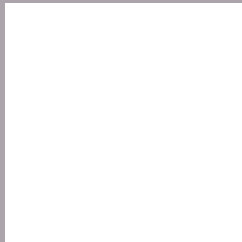
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 68, 4.256, 328.788

Background



This preview shows how black text looks on a background with the CIELCh color 68, 4.256, 328.788.



This preview shows how white text looks on a background with the CIELCh color 68, 4.256, 328.788.

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, 4.256, 328.788

Protanopia

68, 2.870, 305.616

Deuteranopia

68, 8.785, 345.948



Tritanopia
68, 7.950, 315.772

Trichromacy



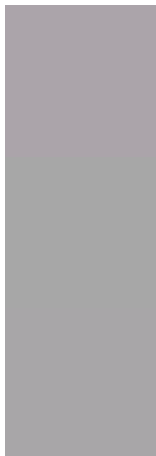
Original Color
68, 4.256, 328.788

Protanomaly
68, 2.995, 312.558

Deuteranomaly
68, 7.223, 342.523

Tritanomaly
68, 6.972, 319.603

Monochromacy



Original Color
68, 4.256, 328.788

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 1.349, 324.338

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 4.256, 328.788 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(171, 164, 170)` looks like.

```
.text, #text, p{  
    color:rgb(171, 164, 170)  
}
```

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(171, 164, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 164, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 4.256, 328.788 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(171, 164, 170) }
```

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

```
.border{ border-color:rgb(171, 164, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 164, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 164, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 164, 170);  
box-shadow:4px 4px 4px 4px rgb(171, 164,  
170) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 4.256, 328.788 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 164, 170) }
```

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

```
.background{ background-color: rgb(171,  
164, 170) }
```

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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