

Converting Colors

CIELCh(68, 4.005, 271.768)

Have a look what the booklet for
CIELCh(68, 4.005, 271.768) contains.

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Color

CIELCh(68, 4.108, 269.491)

Conversions

Conversions Part 1

Format	Color
Hex	A2A6AD
RGB	162, 166, 173
RGB Percent	64%, 65%, 68%
CMY	0.3647, 0.3490, 0.3216
CMYK	0.06, 0.04, 0.00, 0.32
HSL	218°, 6%, 66%
HSV	218°, 6%, 68%
XYZ	36.0804, 37.9720, 44.9639
YIQ	165.6020, -4.6310, 1.3290

Conversions

Conversions Part 2

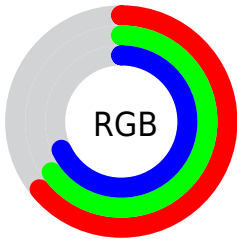
Format	Color
RYB	162, 165, 173
Decimal	10659501
CIELab	68.00, -0.04, -4.11
CIELCh	68, 4.108, 269.491
Yxy	37.9720, 0.3032, 0.3190
Android (android.graphics.Color)	4288849581 (0xFFA2A6AD)
YUV	165.6020, 3.6472, -3.1590
Hunter-Lab	61.6215, -3.3229, -0.1277

Details

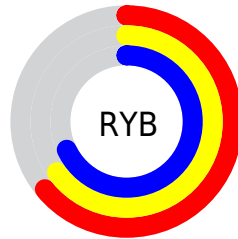
The CIELCh color **68, 4.108, 269.491** is a light color, and the websafe version is hex **999999**. A complement of this color would be **69, 4.108, 87.767**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **88, 3.900, 269.317**, and **48, 4.389, 269.808** is the 20% darker color. If you saturate the color by 10%, you get **64, 10.617, 270.877**, and if you desaturate by 10%, it is **72, 2.326, 88.071**.

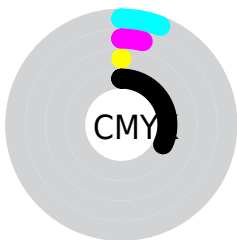
Distribution



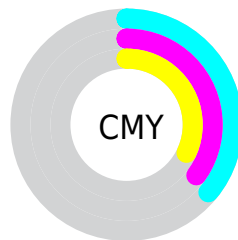
- Red (64%)
- Green (65%)
- Blue (68%)



- Red (64%)
- Yellow (65%)
- Blue (68%)



- Cyan (6%)
- Magenta (4%)
- Yellow (0%)
- Black (32%)



- Cyan (36%)
- Magenta (35%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 4.108, 269.491 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, 4.108, 269.491 by changing the saturation by 10% instead.

■ 68, 4.108, 269.491

■ 68, 4.108, 269.491

■ 100, 4.108,
269.491

■ 58, 4.108, 269.491

■ 88, 4.108, 269.491

■ 48, 4.108, 269.491

■ 98, 4.108, 269.491

■ 38, 4.108, 269.491

■ 28, 4.108, 269.491

■ 18, 4.108, 269.491

■ 8, 4.108, 269.491

■ 0, 4.108, 269.491

■ 68, 4.108, 269.491

■ 68, 4.108, 269.491

■ 64, 10.617,

■ 72, 2.326, 88.071

270.877

77, 8.677, 87.071

59, 17.203,
272.551

81, 14.942, 86.147

55, 23.866,
274.515

85, 21.117, 85.331

51, 30.615,
276.810

89, 27.199, 84.609

47, 37.468,
279.475

95, 35.808, 99.856

43, 44.459,
282.524

98, 40.633,
106.544

39, 51.621,
285.931

98, 41.071,
107.042

35, 58.973,
289.604

32, 66.463,
293.352

Harmonies

Complementary

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



68, 4.108, 269.491



69, 4.108, 87.767

Rectangle

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



68, 4.108, 269.491



68, 4.108, 319.491



68, 4.108, 89.491



68, 4.108, 139.491

Sweetspot

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



68, 4.107, 269.471



88, 1.598, 269.034



70, 4.692, 171.034



47, 0.908, 269.030



95, 0.011, 296.813



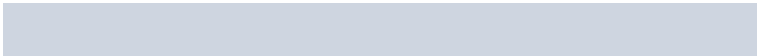
47, 0.006, 296.813

Same Dimension

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



68, 4.107, 269.471



85, 6.389, 269.699



67, 6.116, 295.905



34, 3.668, 269.855



27, 61.706, 294.166



2, 8.279, 273.939

Inverse Universe

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



68, 4.756, 352.175



85, 7.417, 352.362



70, 6.021, 114.933



34, 4.264, 352.482



31, 57.539, 14.187



2, 8.539, 356.179

Previews

White Background



This preview shows how the CIELCh color 68, 4.108, 269.491 looks on a white background.

Color Contrast Check

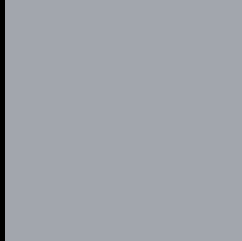
Large Text (above 18pt) WCAG AA × Fail

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, 4.108, 269.491 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

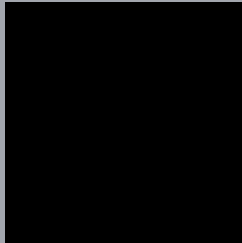
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

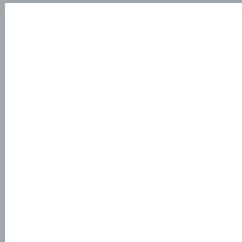
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 68, 4.108, 269.491

Background



This preview shows how black text looks on a background with the CIELCh color 68, 4.108, 269.491.



This preview shows how white text looks on a background with the CIELCh color 68, 4.108, 269.491.

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, 4.108, 269.491

Protanopia

68, 3.943, 301.489

Deuteranopia

68, 9.642, 332.368



Tritanopia
68, 7.191, 285.083

Trichromacy



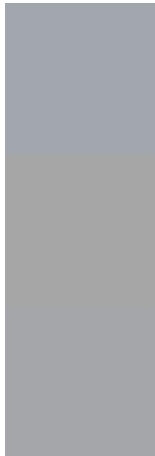
Original Color
68, 4.108, 269.491

Protanomaly
68, 3.862, 290.587

Deuteranomaly
68, 6.972, 319.603

Tritanomaly
68, 6.097, 283.886

Monochromacy



Original Color
68, 4.108, 269.491

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 1.694, 277.601

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 4.108, 269.491 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(162, 166, 173)` looks like.

```
.text, #text, p{  
    color:rgb(162, 166, 173)  
}
```

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(162, 166, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 166, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 4.108, 269.491 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(162, 166, 173) }
```

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

```
.border{ border-color:rgb(162, 166, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 166, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 166, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 166, 173);  
box-shadow:4px 4px 4px 4px rgb(162, 166,  
173) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 4.108, 269.491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 166, 173) }
```

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

```
.background{ background-color: rgb(162,  
166, 173) }
```

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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