

Converting Colors

CIELCh(68, 2.266, 234.638)

Have a look what the booklet for
CIELCh(68, 2.266, 234.638) contains.

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Color

CIELCh(68, 2.154, 230.259)

Conversions

Conversions Part 1

Format	Color
Hex	A2A7A9
RGB	162, 167, 169
RGB Percent	64%, 65%, 66%
CMY	0.3663, 0.3467, 0.3389
CMYK	0.04, 0.01, 0.00, 0.34
HSL	197°, 4%, 65%
HSV	197°, 4%, 66%
XYZ	35.6810, 37.9720, 42.7799
YIQ	165.7330, -3.6220, -0.4380

Conversions

Conversions Part 2

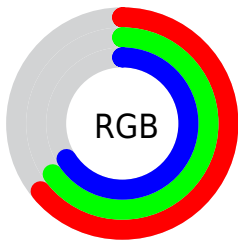
Format	Color
RYP	162, 165, 169
Decimal	10659753
CIE Lab	68.00, -1.38, -1.66
CIE LCh	68, 2.154, 230.259
Yxy	37.9720, 0.3065, 0.3261
Android (android.graphics.Color)	4288849833 (0xFFA2A7A9)
YUV	165.7330, 1.6106, -3.2738
Hunter-Lab	61.6215, -4.4796, 1.9737

Details

The CIELCh color **68, 2.154, 230.259** is a light color, and the websafe version is hex **999999**. A complement of this color would be **68, 2.197, 49.294**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **88, 2.048, 230.258**, and **48, 2.294, 230.312** is the 20% darker color. If you saturate the color by 10%, you get **65, 7.185, 230.819**, and if you desaturate by 10%, it is **71, 3.080, 49.266**.

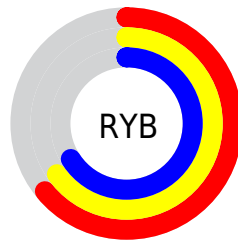
Distribution



Red (64%)

Green (65%)

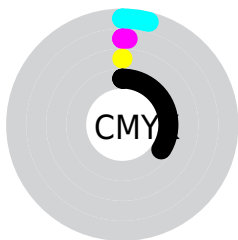
Blue (66%)



Red (64%)

Yellow (65%)

Blue (66%)

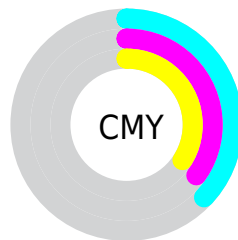


Cyan (4%)

Magenta (1%)

Yellow (0%)

Black (34%)



Cyan (37%)

Magenta (35%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 2.154, 230.259 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, 2.154, 230.259 by changing the saturation by 10% instead.

■ 68, 2.154, 230.259

■ 68, 2.154, 230.259

■ 100, 2.154,
230.259

■ 58, 2.154, 230.259

■ 88, 2.154, 230.259

■ 48, 2.154, 230.259

■ 98, 2.154, 230.259

■ 38, 2.154, 230.259

■ 28, 2.154, 230.259

■ 18, 2.154, 230.259

■ 8, 2.154, 230.259

■ 0, 2.154, 230.259

■ 68, 2.154, 230.259

■ 68, 2.154, 230.259

■ 65, 7.185, 230.819

■ 71, 3.080, 49.266

63, 11.957,
231.763

73, 8.468, 48.903

61, 16.409,
232.990

76, 13.971, 48.571

58, 20.478,
234.558

79, 19.554, 48.309

56, 24.108,
236.544

82, 25.189, 48.107

54, 27.257,
239.036

84, 28.043, 50.752

52, 29.916,
242.119

85, 27.822, 56.811

50, 32.122,
245.860

86, 27.923, 62.892

48, 33.974,
250.269

87, 28.344, 68.849

Harmonies

Complementary

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



68, 2.154, 230.259



68, 2.197, 49.294

Rectangle

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



68, 2.154, 230.259



68, 2.154, 280.259



68, 2.154, 50.259



68, 2.154, 100.259

Sweetspot

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



68, 2.154, 230.210



87, 0.650, 230.645



68, 3.840, 153.425



46, 0.369, 230.692



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



68, 2.154, 230.210



86, 3.207, 230.235



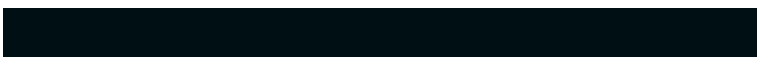
67, 3.076, 279.905



35, 1.754, 230.253



42, 31.677, 252.369



3, 5.398, 238.875

Inverse Universe

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



67, 3.853, 333.895



85, 5.752, 333.971



68, 3.050, 98.872



34, 3.150, 334.008



33, 62.287, 343.463



2, 9.046, 336.765

Previews

White Background



This preview shows how the CIE LCh color 68, 2.154, 230.259 looks on a white background.

Color Contrast Check

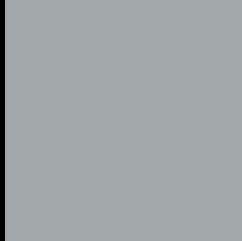
Large Text (above 18pt) WCAG AA × Fail

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, 2.154, 230.259 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

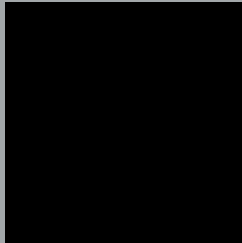
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

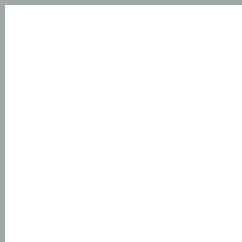
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 68, 2.154, 230.259

Background



This preview shows how black text looks on a background with the CIELCh color 68, 2.154, 230.259.



This preview shows how white text looks on a background with the CIELCh color 68, 2.154, 230.259.

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, 2.154, 230.259

Protanopia

68, 2.020, 324.426

Deuteranopia

68, 9.415, 344.536



Tritanopia
68, 7.191, 285.083

Trichromacy



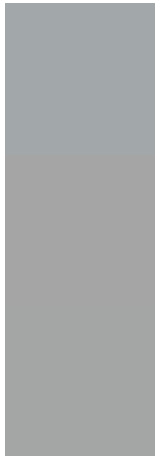
Original Color
68, 2.154, 230.259

Protanomaly
68, 1.108, 290.341

Deuteranomaly
68, 5.707, 337.374

Tritanomaly
68, 5.147, 274.087

Monochromacy



Original Color
68, 2.154, 230.259

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 0.753, 199.978

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 2.154, 230.259 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, 167, 169)` looks like.

```
.text, #text, p{  
    color:rgb(162, 167, 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(162, 167, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 167, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 2.154, 230.259 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, 167, 169) }
```

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

```
.border{ border-color:rgb(162, 167, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 167, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 167, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 167, 169);  
box-shadow:4px 4px 4px 4px rgb(162, 167,  
169) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 2.154, 230.259 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 167, 169) }
```

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

```
.background{ background-color: rgb(162,  
167, 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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