

Converting Colors

CIELCh(68, 4.968, 215.907)

Have a look what the booklet for
CIELCh(68, 4.968, 215.907) contains.

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Color

CIELCh(68, 5.028, 218.339)

Conversions

Conversions Part 1

Format	Color
Hex	9BA8AB
RGB	155, 168, 171
RGB Percent	61%, 66%, 67%
CMY	0.3917, 0.3407, 0.3290
CMYK	0.09, 0.02, 0.00, 0.33
HSL	191°, 9%, 64%
HSV	191°, 9%, 67%
XYZ	34.9247, 37.9720, 44.0742
YIQ	164.4550, -8.7110, -1.8230

Conversions

Conversions Part 2

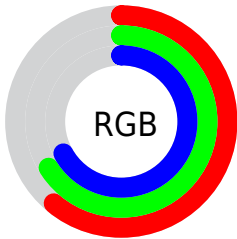
Format	Color
R _Y B	155, 162, 171
Decimal	10201259
CIE Lab	68.00, -3.94, -3.12
CIE LCh	68, 5.028, 218.339
Yxy	37.9720, 0.2986, 0.3246
Android (android.graphics.Color)	4288391339 (0xFF9BA8AB)
YUV	164.4550, 3.2267, -8.2920
Hunter-Lab	61.6215, -6.6704, 0.7284

Details

The CIELCh color **68, 5.028, 218.339** is a light color, and the websafe version is hex **999999**. A complement of this color would be **66, 5.327, 37.810**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **88, 5.126, 217.022**, and **48, 4.965, 219.916** is the 20% darker color. If you saturate the color by 10%, you get **66, 10.122, 218.624**, and if you desaturate by 10%, it is **70, 0.355, 36.636**.

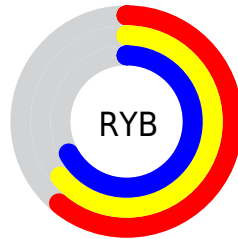
Distribution



Red (61%)

Green (66%)

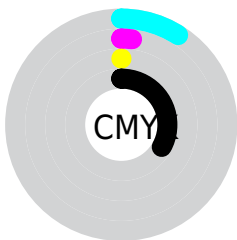
Blue (67%)



Red (61%)

Yellow (64%)

Blue (67%)

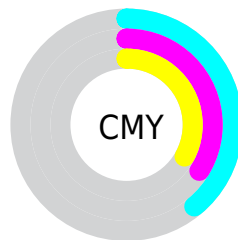


Cyan (9%)

Magenta (2%)

Yellow (0%)

Black (33%)



Cyan (39%)

Magenta (34%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 5.028, 218.339 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, 5.028, 218.339 by changing the saturation by 10% instead.

■ 68, 5.028, 218.339

■ 68, 5.028, 218.339

■ 100, 5.028,
218.339

■ 58, 5.028, 218.339

■ 88, 5.028, 218.339

■ 48, 5.028, 218.339

■ 98, 5.028, 218.339

■ 38, 5.028, 218.339

■ 28, 5.028, 218.339

■ 18, 5.028, 218.339

■ 8, 5.028, 218.339

■ 0, 5.028, 218.339

■ 68, 5.028, 218.339

■ 68, 5.028, 218.339

■ 66, 10.122,

■ 70, 0.355, 36.636

218.624

72, 5.962, 37.810

64, 14.850,
219.133

75, 11.736, 37.817

62, 19.133,
219.867

77, 17.629, 37.860

60, 22.888,
220.876

80, 23.605, 37.942

59, 26.043,
222.225

82, 28.538, 38.639

57, 28.548,
223.985

83, 27.934, 42.455

56, 30.386,
226.235

83, 27.464, 46.424

55, 31.596,
229.045

84, 27.134, 50.513

53, 32.355,
232.354

Harmonies

Complementary

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



68, 5.028, 218.339



66, 5.327, 37.810

Rectangle

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



68, 5.028, 218.339



68, 5.028, 268.339



68, 5.028, 38.339



68, 5.028, 88.339

Sweetspot

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



68, 5.028, 218.320



88, 2.024, 218.364



68, 9.457, 149.390



47, 1.543, 218.320



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, 5.028, 218.320



85, 7.271, 218.358



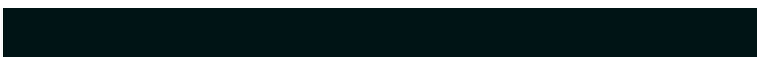
66, 6.309, 273.656



36, 3.077, 218.319



47, 29.460, 232.150



5, 6.455, 226.246

Inverse Universe

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



66, 9.458, 330.627



82, 13.757, 330.745



68, 6.299, 91.271



34, 5.788, 330.625



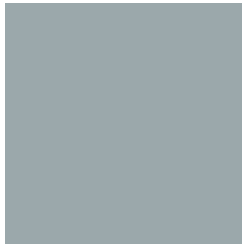
34, 67.544, 337.220



2, 11.566, 332.590

Previews

White Background



This preview shows how the CIELCh color 68, 5.028, 218.339 looks on a white background.

Color Contrast Check

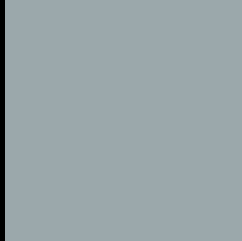
Large Text (above 18pt) WCAG AA × Fail

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, 5.028, 218.339 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

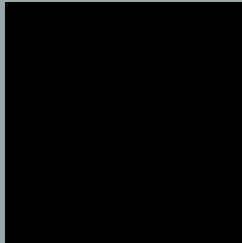
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

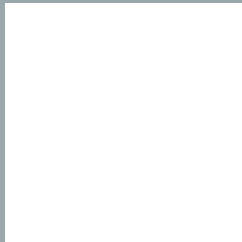
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 68, 5.028, 218.339

Background



This preview shows how black text looks on a background with the CIELCh color 68, 5.028, 218.339.



This preview shows how white text looks on a background with the CIELCh color 68, 5.028, 218.339.

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, 5.028, 218.339

Protanopia

68, 2.344, 309.125

Deuteranopia

68, 9.245, 334.656



Tritanopia
68, 7.941, 263.905

Trichromacy



Original Color
68, 5.028, 218.339

Protanomaly
68, 2.459, 263.367

Deuteranomaly
68, 4.978, 317.454

Tritanomaly
68, 6.729, 254.367

Monochromacy



Original Color
68, 5.028, 218.339

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 1.945, 215.963

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 5.028, 218.339 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(155, 168, 171)` looks like.

```
.text, #text, p{  
    color:rgb(155, 168, 171)  
}
```

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(155, 168, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 168, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 5.028, 218.339 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(155, 168, 171) }
```

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

```
.border{ border-color:rgb(155, 168, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 168, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 168, 171); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 168, 171); box-shadow:4px 4px 4px 4px rgb(155, 168, 171) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 5.028, 218.339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 168, 171) }
```

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

```
.background{ background-color: rgb(155,  
168, 171) }
```

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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