

Converting Colors

CIELCh(68, 5.073, 122.777)

Have a look what the booklet for
CIELCh(68, 5.073, 122.777) contains.

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Color

CIELCh(68, 5.079, 122.775)

Conversions

Conversions Part 1

Format	Color
Hex	A4A79E
RGB	164, 167, 158
RGB Percent	64%, 65%, 62%
CMY	0.3571, 0.3453, 0.3806
CMYK	0.02, 0.00, 0.05, 0.35
HSL	80°, 5%, 64%
HSV	80°, 5%, 65%
XYZ	35.2753, 37.9720, 37.7945
YIQ	165.0770, 1.1010, -3.4350

Conversions

Conversions Part 2

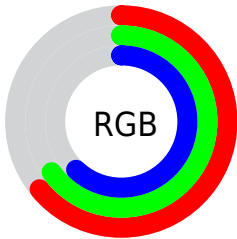
Format	Color
RYB	158, 167, 161
Decimal	10790814
CIELab	68.00, -2.75, 4.27
CIELCh	68, 5.079, 122.775
Yxy	37.9720, 0.3177, 0.3420
Android (android.graphics.Color)	4288980894 (0xFFA4A79E)
YUV	165.0770, -3.4890, -0.9445
Hunter-Lab	61.6215, -5.6549, 6.7705

Details

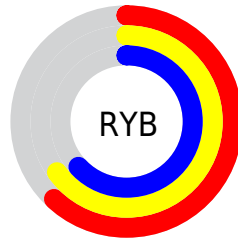
The CIELCh color $68, 5.079, 122.775$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $66, 5.143, 303.336$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $88, 4.814, 122.845$, and $48, 4.868, 124.266$ is the 20% darker color. If you saturate the color by 10%, you get $67, 14.511, 122.236$, and if you desaturate by 10%, it is $69, 4.353, 303.280$.

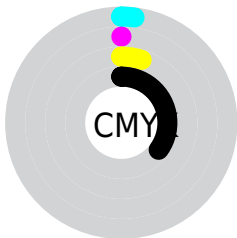
Distribution



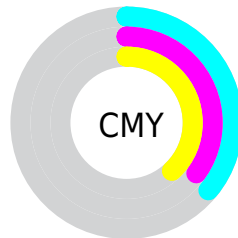
- Red (64%)
- Green (65%)
- Blue (62%)



- Red (62%)
- Yellow (65%)
- Blue (63%)



- Cyan (2%)
- Magenta (0%)
- Yellow (5%)
- Black (35%)



- Cyan (36%)
- Magenta (35%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 5.079, 122.775 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, 5.079, 122.775 by changing the saturation by 10% instead.

■ 68, 5.079, 122.775

■ 68, 5.079, 122.775

■ 100, 5.079,
122.775

■ 58, 5.079, 122.775

■ 88, 5.079, 122.775

■ 48, 5.079, 122.775

■ 98, 5.079, 122.775

■ 38, 5.079, 122.775

■ 28, 5.079, 122.775

■ 18, 5.079, 122.775

■ 8, 5.079, 122.775

■ 0, 5.079, 122.775

■ 68, 5.079, 122.775

■ 68, 5.079, 122.775

■ 67, 14.511,

■ 69, 4.353, 303.280

122.236

70, 13.749,
303.778

66, 23.880,
121.682

71, 23.076,
304.237

66, 33.104,
121.136

72, 32.315,
304.661

65, 42.061,
120.627

73, 41.448,
305.052

64, 50.569,
120.200

74, 48.843,
305.733

64, 58.365,
119.921

75, 49.169,
307.806

63, 65.095,
119.883

75, 49.553,
309.876

63, 70.350,
120.194

76, 49.994,
311.937

63, 73.839,
120.946

Harmonies

Complementary

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



68, 5.079, 122.775



66, 5.143, 303.336

Rectangle

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



68, 5.079, 122.775



68, 5.079, 172.775



68, 5.079, 302.775



68, 5.079, 352.775

Sweetspot

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



68, 5.081, 122.784



86, 2.324, 122.978



67, 2.831, 55.128



46, 1.331, 122.986



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, 5.081, 122.784



86, 6.993, 122.745



68, 5.745, 139.586



35, 3.758, 122.723



56, 68.686, 121.195



5, 9.965, 125.884

Inverse Universe

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



66, 5.143, 303.336



83, 7.085, 303.377



66, 5.771, 320.005



34, 3.809, 303.400



19, 85.817, 308.960



1, 9.768, 301.313

Previews

White Background



This preview shows how the CIELCh color 68, 5.079, 122.775 looks on a white background.

Color Contrast Check

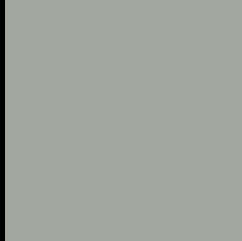
Large Text (above 18pt) WCAG AA × Fail

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, 5.079, 122.775 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

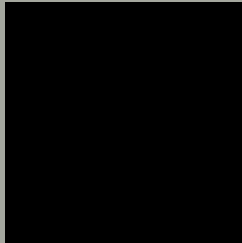
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

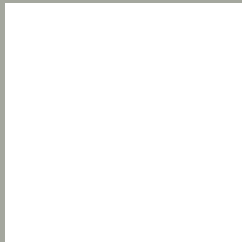
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 68, 5.079, 122.775

Background



This preview shows how black text looks on a background with the CIELCh color 68, 5.079, 122.775.



This preview shows how white text looks on a background with the CIELCh color 68, 5.079, 122.775.

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, 5.079, 122.775

Protanopia

68, 4.954, 81.666

Deuteranopia

68, 9.407, 23.533



Tritanopia
68, 7.273, 299.653

Trichromacy



Original Color
68, 5.079, 122.775

Protanomaly
68, 4.988, 100.734

Deuteranomaly
68, 5.863, 41.710

Tritanomaly
68, 2.791, 298.186

Monochromacy



Original Color
68, 5.079, 122.775

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 2.228, 119.776

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 5.079, 122.775 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(164, 167, 158)` looks like.

```
.text, #text, p{  
    color:rgb(164, 167, 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(164, 167, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 167, 158) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 5.079, 122.775 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(164, 167, 158) }
```

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

```
.border{ border-color:rgb(164, 167, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 167, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 167, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 167, 158);  
box-shadow:4px 4px 4px 4px rgb(164, 167,  
158) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 5.079, 122.775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 167, 158) }
```

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

```
.background{ background-color: rgb(164,  
167, 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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