

Converting Colors

CIELCh(60, 4.692, 328.779)

Have a look what the booklet for
CIELCh(60, 4.692, 328.779) contains.

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Color

CIELCh(60, 5.049, 328.301)

Conversions

Conversions Part 1

Format	Color
Hex	968E95
RGB	150, 142, 149
RGB Percent	59%, 56%, 58%
CMY	0.4106, 0.4420, 0.4145
CMYK	0.00, 0.05, 0.01, 0.41
HSL	308°, 4%, 57%
HSV	308°, 5%, 59%
XYZ	27.7958, 28.1233, 32.5194
YIQ	145.1900, 2.5210, 3.8730

Conversions

Conversions Part 2

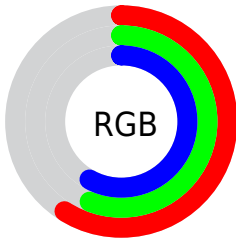
Format	Color
R _Y B	150, 142, 149
Decimal	9866901
CIE Lab	60.00, 4.30, -2.65
CIE LCh	60, 5.049, 328.301
Yxy	28.1233, 0.3143, 0.3180
Android (android.graphics.Color)	4288056981 (0xFF968E95)
YUV	145.1900, 1.8783, 4.2184
Hunter-Lab	53.0314, 0.7537, 0.7648

Details

The CIELCh color $60, 5.049, 328.301$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $61, 5.032, 147.781$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 4.767, 328.210$, and $40, 4.704, 328.965$ is the 20% darker color. If you saturate the color by 10%, you get $56, 14.610, 328.910$, and if you desaturate by 10%, it is $64, 4.380, 147.840$.

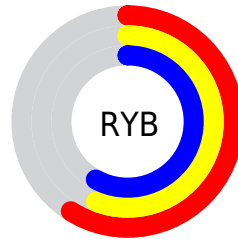
Distribution



Red (59%)

Green (56%)

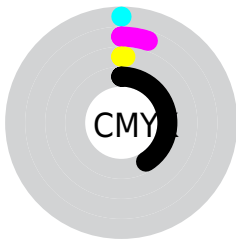
Blue (58%)



Red (59%)

Yellow (56%)

Blue (58%)

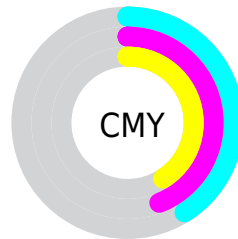


Cyan (0%)

Magenta (5%)

Yellow (1%)

Black (41%)



Cyan (41%)

Magenta (44%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 5.049, 328.301 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 60, 5.049, 328.301 by changing the saturation by 10% instead.

60, 5.049, 328.301

60, 5.049, 328.301

100, 5.049,
328.301

50, 5.049, 328.301

80, 5.049, 328.301

40, 5.049, 328.301

90, 5.049, 328.301

30, 5.049, 328.301

20, 5.049, 328.301

10, 5.049, 328.301

0, 5.049, 328.301

60, 5.049, 328.301

60, 5.049, 328.301

56, 14.610,
328.910

64, 4.380, 147.840

68, 13.602,

52, 24.192,
329.505

147.262

48, 33.621,
330.101

73, 22.577,
146.736

45, 42.652,
330.693

77, 31.289,
146.238

42, 50.968,
331.278

81, 39.734,
145.767

39, 58.194,
331.852

86, 47.917,
145.322

37, 63.945,
332.417

90, 55.848,
144.904

36, 67.914,
332.980

92, 59.336,
144.974

35, 70.018,
333.557

92, 58.579,
145.524

Harmonies

Complementary

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



60, 5.049, 328.301



61, 5.032, 147.781

Rectangle

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



60, 5.049, 328.301



60, 5.049, 18.301



60, 5.049, 148.301



60, 5.049, 198.301

Sweetspot

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



60, 5.047, 328.302



78, 2.356, 328.041



59, 4.552, 295.181



42, 1.351, 328.026



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



60, 5.047, 328.302



76, 7.077, 328.354



60, 3.585, 350.816



30, 3.703, 328.374



31, 66.418, 333.778



1, 4.607, 328.043

Inverse Universe

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



60, 5.047, 328.302



76, 7.077, 328.354



61, 3.540, 170.093



30, 3.703, 328.374



31, 66.418, 333.778



1, 4.607, 328.043

Previews

White Background



This preview shows how the CIELCh color 60, 5.049, 328.301 looks on a white background.

Color Contrast Check

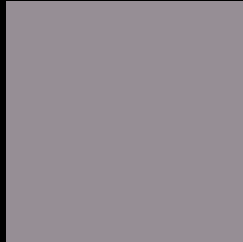
Large Text (above 18pt) WCAG AA ✓ Pass

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 60, 5.049, 328.301 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

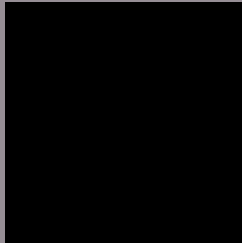
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 5.049, 328.301

Background



This preview shows how black text looks on a background with the CIELCh color 60, 5.049, 328.301.



This preview shows how white text looks on a background with the CIELCh color 60, 5.049, 328.301.

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

60, 5.049, 328.301

Protanopia

60, 3.489, 303.245

Deuteranopia

60, 8.421, 338.190



Tritanopia
60, 7.144, 319.641

Trichromacy



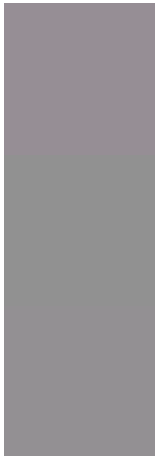
Original Color
60, 5.049, 328.301

Protanomaly
60, 4.423, 316.340

Deuteranomaly
60, 7.184, 335.125

Tritanomaly
60, 6.658, 321.996

Monochromacy



Original Color
60, 5.049, 328.301

Achromatopsia
60, 0.008, 296.813

Achromatomaly
60, 2.070, 324.452

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 5.049, 328.301 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(150, 142, 149)` looks like.

```
.text, #text, p{  
    color:rgb(150, 142, 149)  
}
```

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(150, 142, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 142, 149) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 5.049, 328.301 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(150, 142, 149) }
```

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

```
.border{ border-color:rgb(150, 142, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 142, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 142, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 142, 149);  
box-shadow:4px 4px 4px 4px rgb(150, 142,  
149) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 5.049, 328.301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 142, 149) }
```

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

```
.background{ background-color: rgb(150,  
142, 149) }
```

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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