

Converting Colors

CIELCh(60, 6.183, 318.399)

Have a look what the booklet for
CIELCh(60, 6.183, 318.399) contains.

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Color

CIELCh(60, 6.465, 319.067)

Conversions

Conversions Part 1

Format	Color
Hex	968E98
RGB	150, 142, 152
RGB Percent	59%, 56%, 60%
CMY	0.4115, 0.4429, 0.4037
CMYK	0.01, 0.07, 0.00, 0.40
HSL	288°, 5%, 58%
HSV	288°, 7%, 60%
XYZ	27.9439, 28.1233, 33.6881
YIQ	145.5320, 1.5580, 4.8060

Conversions

Conversions Part 2

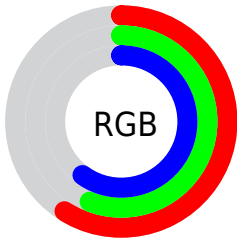
Format	Color
R_{YB}	150, 142, 152
Decimal	9866904
CIE _{Lab}	60.00, 4.88, -4.24
CIE _{LCh}	60, 6.465, 319.067
Yxy	28.1233, 0.3113, 0.3133
Android (android.graphics.Color)	4288056984 (0xFF968E98)
YUV	145.5320, 3.1887, 3.9184
Hunter-Lab	53.0314, 1.2522, -0.5418

Details

The CIELCh color $60, 6.465, 319.067$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $62, 6.431, 138.547$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 6.103, 318.989$, and $40, 6.233, 318.484$ is the 20% darker color. If you saturate the color by 10%, you get $56, 16.425, 319.517$, and if you desaturate by 10%, it is $64, 3.319, 138.720$.

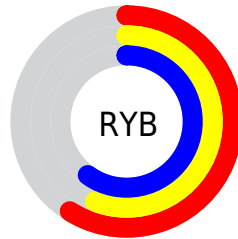
Distribution



Red (59%)

Green (56%)

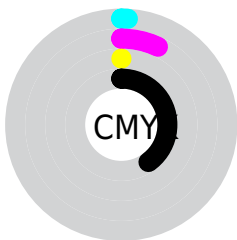
Blue (60%)



Red (59%)

Yellow (56%)

Blue (60%)

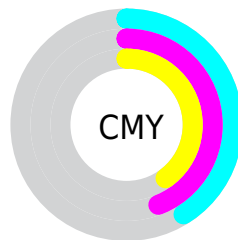


Cyan (1%)

Magenta (7%)

Yellow (0%)

Black (40%)



Cyan (41%)

Magenta (44%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 6.465, 319.067 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, 6.465, 319.067 by changing the saturation by 10% instead.

60, 6.465, 319.067

60, 6.465, 319.067

100, 6.465,
319.067

50, 6.465, 319.067

80, 6.465, 319.067

40, 6.465, 319.067

90, 6.465, 319.067

30, 6.465, 319.067

20, 6.465, 319.067

10, 6.465, 319.067

0, 6.465, 319.067

60, 6.465, 319.067

60, 6.465, 319.067

56, 16.425,
319.517

64, 3.319, 138.720

69, 12.872,

52, 26.480,
319.957

138.277

47, 36.491,
320.380

73, 22.168,
137.891

44, 46.249,
320.765

78, 31.199,
137.535

40, 55.462,
321.083

82, 39.964,
137.206

37, 63.750,
321.298

87, 48.470,
136.905

34, 70.674,
321.367

91, 56.726,
136.631

32, 75.820,
321.249

93, 59.864,
136.064

31, 79.056,
320.926

93, 59.323,
135.245

Harmonies

Complementary

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



60, 6.465, 319.067



62, 6.431, 138.547

Rectangle

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



60, 6.465, 319.067



60, 6.465, 9.067



60, 6.465, 139.067



60, 6.465, 189.067

Sweetspot

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



60, 6.463, 319.066



79, 2.442, 318.813



60, 4.489, 280.172



42, 1.385, 318.802



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, 6.463, 319.066



76, 9.801, 319.139



60, 5.628, 334.001



30, 5.596, 319.188



28, 75.433, 320.857



1, 5.979, 318.405

Inverse Universe

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



60, 4.089, 3.733



76, 6.217, 3.904



62, 5.603, 153.234



30, 3.557, 4.016



29, 58.890, 28.104



1, 3.753, 3.499

Previews

White Background



This preview shows how the CIELCh color 60, 6.465, 319.067 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, 6.465, 319.067 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

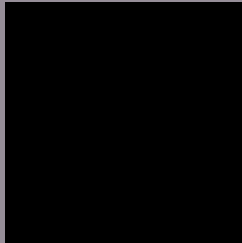
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 6.465, 319.067

Background



This preview shows how black text looks on a background with the CIELCh color 60, 6.465, 319.067.



This preview shows how white text looks on a background with the CIELCh color 60, 6.465, 319.067.

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, 6.465, 319.067

Protanopia

60, 5.107, 295.015

Deuteranopia

60, 8.949, 331.087



Tritanopia
60, 6.965, 316.863

Trichromacy



Original Color
60, 6.465, 319.067

Protanomaly
60, 5.878, 305.806

Deuteranomaly
60, 7.780, 327.180

Tritanomaly
60, 6.965, 316.863

Monochromacy



Original Color
60, 6.465, 319.067

Achromatopsia
61, 0.008, 296.813

Achromatomaly
60, 1.874, 314.677

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 6.465, 319.067 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, 152)` looks like.

```
.text, #text, p{  
    color:rgb(150, 142, 152)  
}
```

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, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 142, 152) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 6.465, 319.067 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, 152) }
```

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

```
.border{ border-color:rgb(150, 142, 152) }
```

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, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 142, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 142, 152);  
box-shadow:4px 4px 4px 4px rgb(150, 142,  
152) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 6.465, 319.067 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, 152) }
```

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

```
.background{ background-color: rgb(150,  
142, 152) }
```

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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