

Converting Colors

CIELCh(62, 5.403, 109.348)

Have a look what the booklet for
CIELCh(62, 5.403, 109.348) contains.

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Color

CIELCh(62, 5.029, 109.608)

Conversions

Conversions Part 1

Format	Color
Hex	96968D
RGB	150, 150, 141
RGB Percent	59%, 59%, 55%
CMY	0.4101, 0.4101, 0.4455
CMYK	0.00, 0.00, 0.06, 0.41
HSL	60°, 4%, 57%
HSV	60°, 6%, 59%
XYZ	28.4637, 30.4025, 29.7266
YIQ	148.9740, 2.8890, -2.7990

Conversions

Conversions Part 2

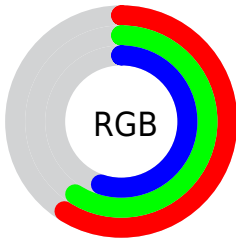
Format	Color
R_{YB}	141, 150, 141
Decimal	9868941
CIE _{Lab}	62.00, -1.69, 4.74
CIE _{LCh}	62, 5.029, 109.608
Yxy	30.4025, 0.3213, 0.3432
Android (android.graphics.Color)	4288059021 (0xFF96968D)
YUV	148.9740, -3.9312, 0.8998
Hunter-Lab	55.1385, -4.3467, 6.6321

Details

The CIELCh color **62, 5.029, 109.608** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **59, 5.108, 290.782**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 4.750, 109.744**, and **42, 4.817, 109.447** is the 20% darker color. If you saturate the color by 10%, you get **62, 13.413, 108.685**, and if you desaturate by 10%, it is **62, 3.387, 290.575**.

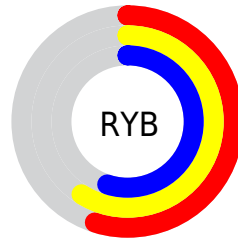
Distribution



Red (59%)

Green (59%)

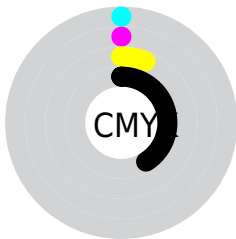
Blue (55%)



Red (55%)

Yellow (59%)

Blue (55%)

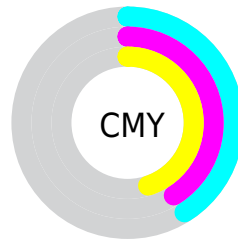


Cyan (0%)

Magenta (0%)

Yellow (6%)

Black (41%)



Cyan (41%)

Magenta (41%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 5.029, 109.608 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 62, 5.029, 109.608 by changing the saturation by 10% instead.

■ 62, 5.029, 109.608

■ 62, 5.029, 109.608

■ 100, 5.029,
109.608

■ 52, 5.029, 109.608

■ 82, 5.029, 109.608

■ 42, 5.029, 109.608

■ 92, 5.029, 109.608

■ 32, 5.029, 109.608

■ 22, 5.029, 109.608

■ 12, 5.029, 109.608

■ 2, 5.029, 109.608

■ 0, 5.029, 109.608

■ 62, 5.029, 109.608

■ 62, 5.029, 109.608

■ 62, 13.413,

■ 62, 3.387, 290.575

108.685

63, 11.808,
291.468

61, 21.711,
107.741

63, 20.211,
292.340

61, 29.852,
106.809

64, 28.579,
293.177

61, 37.721,
105.911

65, 36.900,
293.975

61, 45.146,
105.071

65, 45.165,
294.732

61, 51.874,
104.321

66, 53.365,
295.447

60, 57.563,
103.699

66, 57.861,
295.824

60, 61.834,
103.241

66, 57.861,
295.826

60, 64.472,
102.963

Harmonies

Complementary

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



62, 5.029, 109.608



59, 5.108, 290.782

Rectangle

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



62, 5.029, 109.608



62, 5.029, 159.608



62, 5.029, 289.608



62, 5.029, 339.608

Sweetspot

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



62, 5.030, 109.621



79, 2.083, 109.970



60, 3.549, 19.637



42, 1.193, 109.979



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



62, 5.030, 109.621



79, 7.308, 109.514



62, 5.355, 128.832



31, 3.745, 109.495



56, 61.289, 102.869



3, 4.113, 110.188

Inverse Universe

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



59, 5.108, 290.782



75, 7.435, 290.899



59, 5.409, 309.307



29, 3.811, 290.921



15, 84.627, 306.288



0, 4.113, 290.189

Previews

White Background



This preview shows how the CIELCh color 62, 5.029, 109.608 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 62, 5.029, 109.608 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

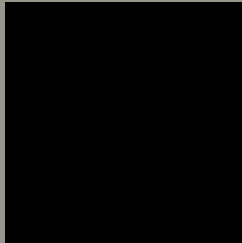
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

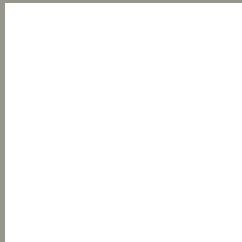
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 5.029, 109.608

Background



This preview shows how black text looks on a background with the CIELCh color 62, 5.029, 109.608.



This preview shows how white text looks on a background with the CIELCh color 62, 5.029, 109.608.

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


62, 5.029, 109.608

Protanopia

62, 5.052, 81.574

Deuteranopia

62, 8.862, 27.411



Tritanopia
62, 6.488, 307.765

Trichromacy



Original Color
62, 5.029, 109.608

Protanomaly
62, 5.156, 96.304

Deuteranomaly
62, 6.231, 46.395

Tritanomaly
62, 2.540, 317.340

Monochromacy



Original Color
62, 5.029, 109.608

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 2.232, 109.907

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 5.029, 109.608 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, 150, 141)` looks like.

```
.text, #text, p{  
    color:rgb(150, 150, 141)  
}
```

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, 150, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 150, 141) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 5.029, 109.608 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, 150, 141) }
```

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

```
.border{ border-color:rgb(150, 150, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 150, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 150, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 150, 141);  
box-shadow:4px 4px 4px 4px rgb(150, 150,  
141) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 5.029, 109.608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 150, 141) }
```

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

```
.background{ background-color: rgb(150,  
150, 141) }
```

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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