

Converting Colors

CIELCh(62, 4.630, 309.235)

Have a look what the booklet for
CIELCh(62, 4.630, 309.235) contains.

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Color

CIELCh(62, 4.768, 309.267)

Conversions

Conversions Part 1

Format	Color
Hex	98949C
RGB	152, 148, 156
RGB Percent	60%, 58%, 61%
CMY	0.4026, 0.4183, 0.3869
CMYK	0.03, 0.05, 0.00, 0.39
HSL	270°, 4%, 60%
HSV	270°, 5%, 61%
XYZ	29.6818, 30.4025, 35.9046
YIQ	150.1080, -0.1840, 3.3360

Conversions

Conversions Part 2

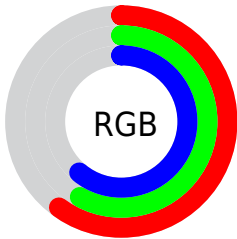
Format	Color
RYB	152, 148, 156
Decimal	9999516
CIELab	62.00, 3.02, -3.69
CIELCh	62, 4.768, 309.267
Yxy	30.4025, 0.3092, 0.3167
Android (android.graphics.Color)	4288189596 (0xFF98949C)
YUV	150.1080, 2.9048, 1.6593
Hunter-Lab	55.1385, -0.4032, -0.0110

Details

The CIELCh color $62, 4.768, 309.267$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $64, 4.721, 128.866$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 4.506, 309.207$, and $42, 5.134, 309.371$ is the 20% darker color. If you saturate the color by 10%, you get $57, 14.269, 309.734$, and if you desaturate by 10%, it is $67, 4.463, 128.887$.

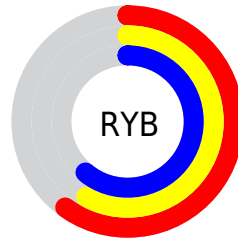
Distribution



Red (60%)

Green (58%)

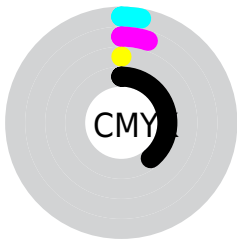
Blue (61%)



Red (60%)

Yellow (58%)

Blue (61%)

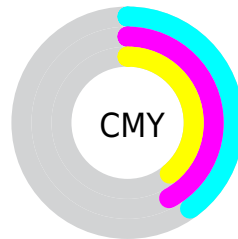


Cyan (3%)

Magenta (5%)

Yellow (0%)

Black (39%)



Cyan (40%)

Magenta (42%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 4.768, 309.267 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, 4.768, 309.267 by changing the saturation by 10% instead.

■ 62, 4.768, 309.267

■ 62, 4.768, 309.267

■ 100, 4.768,
309.267

■ 52, 4.768, 309.267

■ 82, 4.768, 309.267

■ 42, 4.768, 309.267

■ 92, 4.768, 309.267

■ 32, 4.768, 309.267

■ 22, 4.768, 309.267

■ 12, 4.768, 309.267

■ 2, 4.768, 309.267

■ 0, 4.768, 309.267

■ 62, 4.768, 309.267

■ 62, 4.768, 309.267

■ 57, 14.269,

■ 67, 4.463, 128.887

309.734

72, 13.414,
128.499

52, 24.020,
310.234

77, 22.088,
128.164

48, 33.964,
310.759

81, 30.496,
127.871

43, 43.998,
311.292

86, 38.648,
127.614

38, 53.932,
311.801

91, 46.559,
127.391

34, 63.459,
312.233

95, 52.705,
126.726

30, 72.109,
312.512

95, 51.691,
123.775

27, 79.261,
312.539

96, 50.821,
120.656

25, 84.312,
312.214

Harmonies

Complementary

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



62, 4.768, 309.267



64, 4.721, 128.866

Rectangle

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



62, 4.768, 309.267



62, 4.768, 359.267



62, 4.768, 129.267



62, 4.768, 179.267

Sweetspot

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



62, 4.766, 309.262



81, 2.309, 309.097



63, 2.650, 254.327



43, 1.310, 309.089



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



62, 4.766, 309.262



78, 6.949, 309.309



62, 5.433, 324.228



32, 3.726, 309.326



21, 80.858, 312.127



1, 6.869, 308.155

Inverse Universe

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



62, 3.839, 343.965



79, 5.596, 344.061



64, 5.418, 143.761



32, 3.001, 344.095



30, 55.133, 1.023



1, 5.468, 345.050

Previews

White Background



This preview shows how the CIELCh color 62, 4.768, 309.267 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, 4.768, 309.267 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

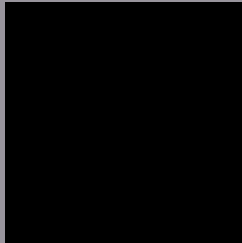
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

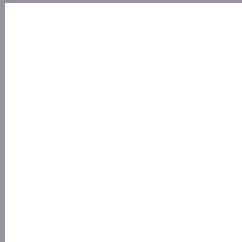
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 4.768, 309.267

Background



This preview shows how black text looks on a background with the CIELCh color 62, 4.768, 309.267.



This preview shows how white text looks on a background with the CIELCh color 62, 4.768, 309.267.

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, 4.768, 309.267

Protanopia

62, 4.516, 295.482

Deuteranopia

62, 9.150, 332.943



Tritanopia
62, 6.488, 307.765

Trichromacy



Original Color

62, 4.768, 309.267

Protanomaly

62, 4.569, 300.218

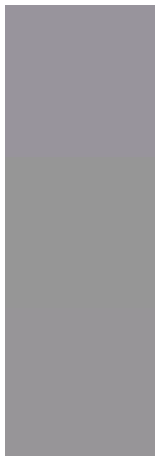
Deuteranomaly

62, 7.734, 327.166

Tritanomaly

62, 5.955, 309.325

Monochromacy



Original Color

62, 4.768, 309.267

Achromatopsia

62, 0.008, 296.813

Achromatomaly

62, 1.865, 314.674

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 4.768, 309.267 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(152, 148, 156)` looks like.

```
.text, #text, p{  
    color:rgb(152, 148, 156)  
}
```

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(152, 148, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 148, 156) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 4.768, 309.267 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(152, 148, 156) }
```

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

```
.border{ border-color:rgb(152, 148, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 148, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 148, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 148, 156);  
box-shadow:4px 4px 4px 4px rgb(152, 148,  
156) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 4.768, 309.267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 148, 156) }
```

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

```
.background{ background-color: rgb(152,  
148, 156) }
```

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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