

Converting Colors

CIELCh(62, 5.774, 299.410)

Have a look what the booklet for
CIELCh(62, 5.774, 299.410) contains.

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Color

CIELCh(62, 5.678, 298.420)

Conversions

Conversions Part 1

Format	Color
Hex	97959F
RGB	151, 149, 159
RGB Percent	59%, 58%, 62%
CMY	0.4094, 0.4172, 0.3780
CMYK	0.05, 0.06, 0.00, 0.38
HSL	252°, 5%, 60%
HSV	252°, 6%, 62%
XYZ	29.5991, 30.4025, 36.9295
YIQ	150.7380, -2.0180, 3.5340

Conversions

Conversions Part 2

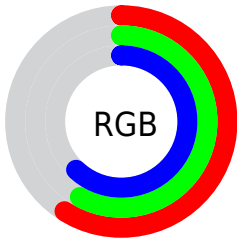
Format	Color
R _Y B	151, 149, 159
Decimal	9934239
CIE Lab	62.00, 2.70, -4.99
CIE LCh	62, 5.678, 298.420
Yxy	30.4025, 0.3054, 0.3137
Android (android.graphics.Color)	4288124319 (0xFF97959F)
YUV	150.7380, 4.0732, 0.2298
Hunter-Lab	55.1385, -0.6711, -1.1130

Details

The CIELCh color $62, 5.678, 298.420$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $65, 5.592, 117.572$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 5.890, 297.658$, and $42, 6.116, 298.612$ is the 20% darker color. If you saturate the color by 10%, you get $57, 14.952, 299.180$, and if you desaturate by 10%, it is $67, 3.259, 117.754$.

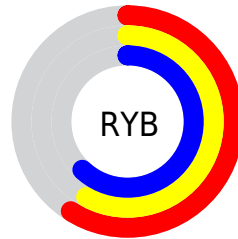
Distribution



Red (59%)

Green (58%)

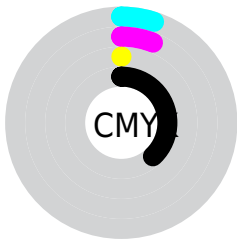
Blue (62%)



Red (59%)

Yellow (58%)

Blue (62%)

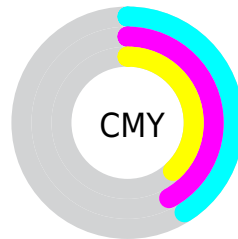


Cyan (5%)

Magenta (6%)

Yellow (0%)

Black (38%)



Cyan (41%)

Magenta (42%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 5.678, 298.420 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, 5.678, 298.420 by changing the saturation by 10% instead.

■ 62, 5.678, 298.420

■ 62, 5.678, 298.420

100, 5.678,
298.420

■ 52, 5.678, 298.420

■ 82, 5.678, 298.420

■ 42, 5.678, 298.420

■ 92, 5.678, 298.420

■ 32, 5.678, 298.420

■ 22, 5.678, 298.420

■ 12, 5.678, 298.420

■ 2, 5.678, 298.420

■ 0, 5.678, 298.420

■ 62, 5.678, 298.420

■ 62, 5.678, 298.420

■ 57, 14.952,

■ 67, 3.259, 117.754

299.180

73, 11.872,
117.179

51, 24.580,
300.060

78, 20.182,
116.685

46, 34.561,
301.059

83, 28.210,
116.259

41, 44.860,
302.175

88, 35.973,
115.893

36, 55.370,
303.384

93, 43.489,
115.578

31, 65.840,
304.626

97, 48.448,
113.712

26, 75.755,
305.788

98, 48.043,
107.847

23, 84.240,
306.686

98, 48.028,
106.505

20, 90.296,
307.146

Harmonies

Complementary

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



62, 5.678, 298.420



65, 5.592, 117.572

Rectangle

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



62, 5.678, 298.420



62, 5.678, 348.420



62, 5.678, 118.420



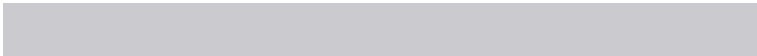
62, 5.678, 168.420

Sweetspot

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



62, 5.676, 298.413



82, 2.223, 298.115



64, 3.216, 217.818



43, 1.274, 298.106



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



62, 5.676, 298.413



78, 8.965, 298.547



62, 6.208, 315.435



31, 5.106, 298.628



17, 85.413, 307.399



0, 6.572, 297.587

Inverse Universe

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



63, 5.925, 330.858



79, 9.340, 330.981



65, 6.165, 134.970



31, 5.313, 331.053



32, 64.468, 337.897



1, 6.750, 331.675

Previews

White Background



This preview shows how the CIELCh color 62, 5.678, 298.420 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, 5.678, 298.420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

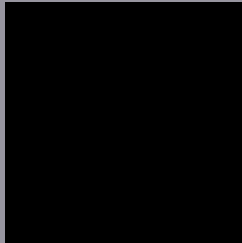
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

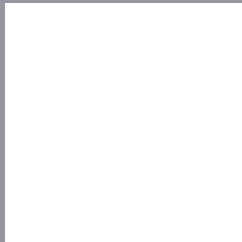
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 5.678, 298.420

Background



This preview shows how black text looks on a background with the CIELCh color 62, 5.678, 298.420.



This preview shows how white text looks on a background with the CIELCh color 62, 5.678, 298.420.

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, 5.678, 298.420

Protanopia

62, 5.635, 294.627

Deuteranopia

62, 9.767, 326.780



Tritanopia
62, 6.855, 300.376

Trichromacy



Original Color
62, 5.678, 298.420

Protanomaly
62, 5.635, 294.627

Deuteranomaly
62, 8.458, 320.518

Tritanomaly
62, 6.302, 301.182

Monochromacy



Original Color
62, 5.678, 298.420

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 2.289, 300.056

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 5.678, 298.420 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(151, 149, 159)` looks like.

```
.text, #text, p{  
    color:rgb(151, 149, 159)  
}
```

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(151, 149, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 149, 159) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 5.678, 298.420 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(151, 149, 159) }
```

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

```
.border{ border-color:rgb(151, 149, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 149, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(151, 149, 159); -webkit-box-shadow:4px 4px 4px 4px rgb(151, 149, 159); box-shadow:4px 4px 4px 4px rgb(151, 149, 159) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 5.678, 298.420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 149, 159) }
```

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

```
.background{ background-color: rgb(151,  
149, 159) }
```

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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