

Converting Colors

CIELCh(62, 5.356, 301.601)

Have a look what the booklet for
CIELCh(62, 5.356, 301.601) contains.

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Color

CIELCh(62, 5.122, 299.215)

Conversions

Conversions Part 1

Format	Color
Hex	97959E
RGB	151, 149, 158
RGB Percent	59%, 58%, 62%
CMY	0.4091, 0.4169, 0.3816
CMYK	0.04, 0.06, 0.00, 0.38
HSL	253°, 4%, 60%
HSV	253°, 6%, 62%
XYZ	29.5461, 30.4025, 36.5154
YIQ	150.6240, -1.6970, 3.2230

Conversions

Conversions Part 2

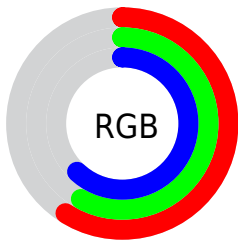
Format	Color
R_{YB}	151, 149, 158
Decimal	9934238
CIE _{Lab}	62.00, 2.50, -4.47
CIE _{LCh}	62, 5.122, 299.215
Yxy	30.4025, 0.3063, 0.3152
Android (android.graphics.Color)	4288124318 (0xFF97959E)
YUV	150.6240, 3.6364, 0.3298
Hunter-Lab	55.1385, -0.8426, -0.6678

Details

The CIELCh color $62, 5.122, 299.215$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $65, 5.050, 118.482$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 5.365, 298.314$, and $42, 5.517, 299.381$ is the 20% darker color. If you saturate the color by 10%, you get $57, 14.348, 299.937$, and if you desaturate by 10%, it is $67, 3.773, 118.583$.

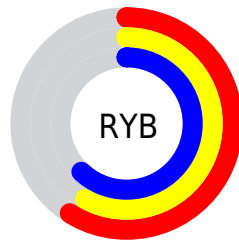
Distribution



Red (59%)

Green (58%)

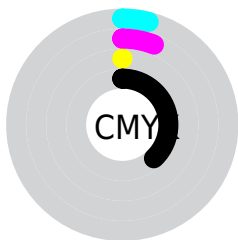
Blue (62%)



Red (59%)

Yellow (58%)

Blue (62%)

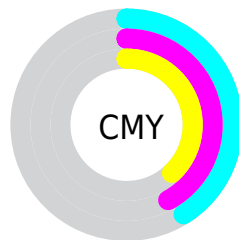


Cyan (4%)

Magenta (6%)

Yellow (0%)

Black (38%)



Cyan (41%)

Magenta (42%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 5.122, 299.215 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, 5.122, 299.215 by changing the saturation by 10% instead.

■ 62, 5.122, 299.215

■ 62, 5.122, 299.215

100, 5.122,
299.215

■ 52, 5.122, 299.215

■ 82, 5.122, 299.215

■ 42, 5.122, 299.215

■ 92, 5.122, 299.215

■ 32, 5.122, 299.215

■ 22, 5.122, 299.215

■ 12, 5.122, 299.215

■ 2, 5.122, 299.215

■ 0, 5.122, 299.215

■ 62, 5.122, 299.215

■ 62, 5.122, 299.215

■ 57, 14.348,

■ 67, 3.773, 118.583

299.937

72, 12.349,
118.034

51, 23.921,
300.770

78, 20.627,
117.563

46, 33.837,
301.714

83, 28.626,
117.156

41, 44.059,
302.763

88, 36.362,
116.807

36, 54.480,
303.895

93, 43.853,
116.505

31, 64.857,
305.055

97, 49.051,
114.913

27, 74.703,
306.134

98, 48.535,
109.340

23, 83.188,
306.963

98, 48.469,
106.471

20, 89.311,
307.361

Harmonies

Complementary

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



62, 5.122, 299.215



65, 5.050, 118.482

Rectangle

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



62, 5.122, 299.215



62, 5.122, 349.215



62, 5.122, 119.215



62, 5.122, 169.215

Sweetspot

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



62, 5.120, 299.207



81, 2.206, 298.959



64, 2.852, 221.772



42, 1.251, 298.951



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, 5.120, 299.207



78, 7.769, 299.306



62, 5.639, 316.464



31, 4.081, 299.324



17, 85.157, 307.609



1, 6.586, 298.398

Inverse Universe

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



63, 5.252, 331.610



78, 7.958, 331.709



64, 5.604, 136.051



32, 4.179, 331.727



32, 63.442, 339.241



1, 6.635, 332.555

Previews

White Background



This preview shows how the CIELCh color 62, 5.122, 299.215 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, 5.122, 299.215 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

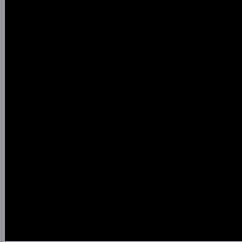
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

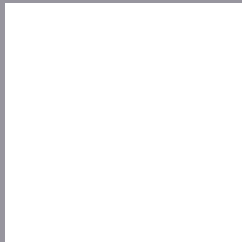
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 5.122, 299.215

Background



This preview shows how black text looks on a background with the CIELCh color 62, 5.122, 299.215.



This preview shows how white text looks on a background with the CIELCh color 62, 5.122, 299.215.

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, 5.122, 299.215

Protanopia

62, 5.076, 295.001

Deuteranopia

62, 9.324, 328.822



Tritanopia
62, 6.855, 300.376

Trichromacy



Original Color
62, 5.122, 299.215

Protanomaly
62, 5.076, 295.001

Deuteranomaly
62, 7.979, 322.523

Tritanomaly
62, 6.302, 301.182

Monochromacy



Original Color
62, 5.122, 299.215

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 1.688, 290.394

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 5.122, 299.215 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, 158)` looks like.

```
.text, #text, p{  
    color:rgb(151, 149, 158)  
}
```

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, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 149, 158) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 5.122, 299.215 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, 158) }
```

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

```
.border{ border-color:rgb(151, 149, 158) }
```

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, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 149, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 149, 158);  
box-shadow:4px 4px 4px 4px rgb(151, 149,  
158) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 5.122, 299.215 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, 158) }
```

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

```
.background{ background-color: rgb(151,  
149, 158) }
```

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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