

Converting Colors

CIELCh(62, 19.473, 302.398)

Have a look what the booklet for
CIELCh(62, 19.473, 302.398)
contains.

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Color

CIELCh(62, 19.514, 302.779)

Conversions

Conversions Part 1

Format	Color
Hex	9B91B3
RGB	155, 145, 179
RGB Percent	61%, 57%, 70%
CMY	0.3928, 0.4320, 0.2987
CMYK	0.13, 0.19, 0.00, 0.30
HSL	258°, 18%, 63%
HSV	258°, 19%, 70%
XYZ	31.7073, 30.4025, 46.7570
YIQ	151.8660, -4.9540, 12.6940

Conversions

Conversions Part 2

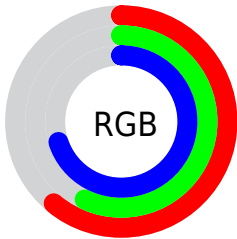
Format	Color
R_{YB}	155, 145, 179
Decimal	10195379
CIE _{Lab}	62.00, 10.56, -16.41
CIE _{LCh}	62, 19.514, 302.779
Yxy	30.4025, 0.2912, 0.2793
Android (android.graphics.Color)	4288385459 (0xFF9B91B3)
YUV	151.8660, 13.3771, 2.7485
Hunter-Lab	55.1385, 6.1538, -11.6805

Details

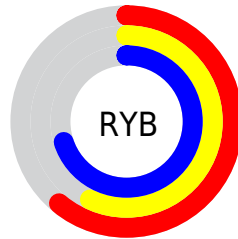
The CIELCh color $62, 19.514, 302.779$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $71, 18.814, 120.486$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 19.547, 302.951$, and $42, 19.126, 303.006$ is the 20% darker color. If you saturate the color by 10%, you get $56, 30.298, 303.534$, and if you desaturate by 10%, it is $68, 9.088, 302.105$.

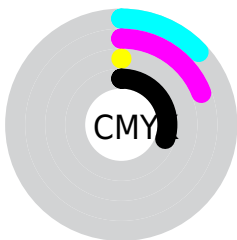
Distribution



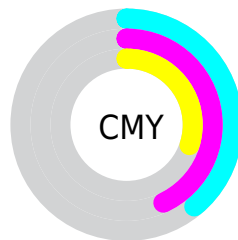
- Red (61%)
- Green (57%)
- Blue (70%)



- Red (61%)
- Yellow (57%)
- Blue (70%)



- Cyan (13%)
- Magenta (19%)
- Yellow (0%)
- Black (30%)





- Cyan (39%)
- Magenta (43%)
- Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 19.514, 302.779 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, 19.514, 302.779 by changing the saturation by 10% instead.


 62, 19.514,
302.779


 62, 19.514,
302.779


 100, 19.514,
302.779


 52, 19.514,
302.779


 82, 19.514,
302.779

 42, 19.514,
302.779


 92, 19.514,
302.779

 32, 19.514,
302.779

 22, 19.514,
302.779

 12, 19.514,
302.779

 2, 19.514, 302.779

 0, 19.514, 302.779

62, 19.514,
302.779

62, 19.514,
302.779

56, 30.298,
303.534

68, 9.088, 302.105

51, 41.415,
304.374

73, 0.974, 121.567

45, 52.779,
305.281

79, 10.685,
121.016

40, 64.198,
306.218

85, 20.060,
120.571

35, 75.293,
307.114

90, 29.120,
120.188

30, 85.393,
307.848

96, 37.882,
119.858

26, 93.510,
308.251

98, 38.519,
114.006

24, 99.048,

98, 38.218,
107.263

308.260

■ 24, 99.573,
308.271

Harmonies

Complementary

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



62, 19.514, 302.779



71, 18.814, 120.486

Rectangle

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



62, 19.514, 302.779



62, 19.514, 352.779



62, 19.514, 122.779



62, 19.514, 172.779

Sweetspot

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



62, 19.512, 302.778



88, 7.446, 301.924



68, 10.007, 230.989



47, 4.984, 301.964



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



62, 19.512, 302.778



76, 29.404, 303.099



63, 21.445, 319.127



35, 5.708, 302.125



19, 88.622, 308.382



1, 13.506, 299.032

Inverse Universe

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



64, 18.578, 335.339



79, 27.822, 335.665



70, 21.235, 137.409



35, 5.494, 334.637



34, 63.458, 344.139



2, 12.264, 338.462

Previews

White Background



This preview shows how the CIELCh color 62, 19.514, 302.779 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 CIELCh color 62, 19.514, 302.779 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

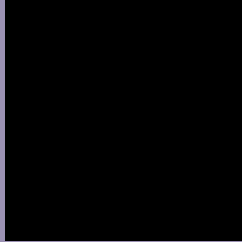
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 19.514, 302.779

Background



This preview shows how black text looks on a background with the CIELCh color 62, 19.514, 302.779.



This preview shows how white text looks on a background with the CIELCh color 62, 19.514, 302.779.

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, 19.514, 302.779

Protanopia

62, 18.574, 286.811

Deuteranopia

62, 18.642, 296.552



Tritanopia
62, 6.931, 303.448

Trichromacy



Original Color
62, 19.514, 302.779

Protanomaly
62, 18.548, 292.192

Deuteranomaly
62, 18.717, 298.728

Tritanomaly
62, 11.493, 302.509

Monochromacy



Original Color
62, 19.514, 302.779

Achromatopsia
63, 0.008, 296.813

Achromatomaly
62, 7.470, 302.541

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 19.514, 302.779 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(155, 145, 179)` looks like.

```
.text, #text, p{  
    color:rgb(155, 145, 179)  
}
```

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(155, 145, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 145, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 19.514, 302.779 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(155, 145, 179) }
```

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

```
.border{ border-color:rgb(155, 145, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 145, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 145, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 145, 179);  
box-shadow:4px 4px 4px 4px rgb(155, 145,  
179) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 19.514, 302.779 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 145, 179) }
```

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

```
.background{ background-color: rgb(155,  
145, 179) }
```

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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