

Converting Colors

CIELCh(62, 18.026, 295.516)

Have a look what the booklet for
CIELCh(62, 18.026, 295.516)
contains.

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Color

CIELCh(62, 18.033, 295.506)

Conversions

Conversions Part 1

Format	Color
Hex	9693B3
RGB	150, 147, 179
RGB Percent	59%, 58%, 70%
CMY	0.4136, 0.4253, 0.2999
CMYK	0.16, 0.18, 0.00, 0.30
HSL	246°, 17%, 64%
HSV	246°, 18%, 70%
XYZ	30.9455, 30.4025, 46.6352
YIQ	151.5450, -8.4840, 10.5880

Conversions

Conversions Part 2

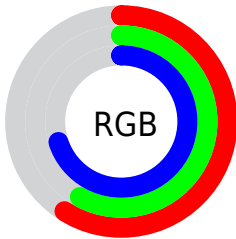
Format	Color
RYB	150, 147, 179
Decimal	9868211
CIELab	62.00, 7.77, -16.28
CIElCh	62, 18.033, 295.506
Yxy	30.4025, 0.2866, 0.2815
Android (android.graphics.Color)	4288058291 (0xFF9693B3)
YUV	151.5450, 13.5353, -1.3550
Hunter-Lab	55.1385, 3.6876, -11.5495

Details

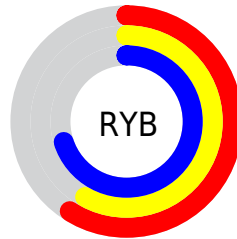
The CIELCh color $62, 18.033, 295.506$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $72, 17.322, 112.401$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 18.091, 294.981$, and $42, 17.566, 295.122$ is the 20% darker color. If you saturate the color by 10%, you get $56, 28.670, 296.638$, and if you desaturate by 10%, it is $68, 7.813, 294.531$.

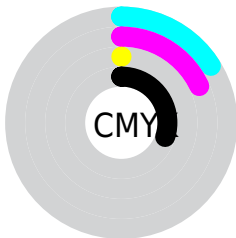
Distribution



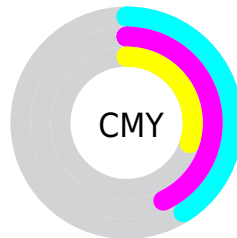
- Red (59%)
- Green (58%)
- Blue (70%)



- Red (59%)
- Yellow (58%)
- Blue (70%)



- Cyan (16%)
- Magenta (18%)
- Yellow (0%)
- Black (30%)





- Cyan (41%)
- Magenta (43%)
- Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 18.033, 295.506 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, 18.033, 295.506 by changing the saturation by 10% instead.


 62, 18.033,
295.506


 62, 18.033,
295.506


 100, 18.033,
295.506


 52, 18.033,
295.506


 82, 18.033,
295.506

 42, 18.033,
295.506

 92, 18.033,
295.506

 32, 18.033,
295.506

 22, 18.033,
295.506

 12, 18.033,
295.506

 2, 18.033, 295.506

 0, 18.033, 295.506

62, 18.033,
295.506

62, 18.033,
295.506

56, 28.670,
296.638

68, 7.813, 294.531

50, 39.741,
297.948

74, 2.010, 113.680

44, 51.221,
299.437

80, 11.464,
112.977

38, 62.996,
301.077

86, 20.575,
112.366

33, 74.751,
302.791

92, 29.366,
111.841

28, 85.785,
304.413

97, 37.860,
111.390

24, 94.865,
305.691

98, 38.368,
107.251

22, 100.799,

306.435

■ 21, 101.888,
306.598

Harmonies

Complementary

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



62, 18.033, 295.506



72, 17.322, 112.401

Rectangle

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



62, 18.033, 295.506



62, 18.033, 345.506



62, 18.033, 115.506



62, 18.033, 165.506

Sweetspot

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



62, 18.032, 295.504



88, 6.080, 294.284



70, 10.510, 206.629



47, 4.186, 294.344



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, 18.032, 295.504



76, 26.342, 295.876



63, 19.233, 312.686



35, 5.606, 294.659



17, 90.859, 306.647



1, 13.342, 293.021

Inverse Universe

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



64, 20.108, 328.089



80, 29.194, 328.290



71, 18.859, 131.157



35, 6.331, 327.583



35, 73.417, 332.282



2, 14.770, 328.480

Previews

White Background



This preview shows how the CIELCh color 62, 18.033, 295.506 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, 18.033, 295.506 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

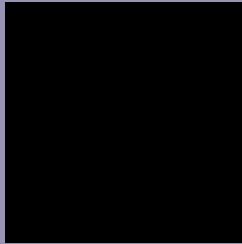
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 18.033, 295.506

Background



This preview shows how black text looks on a background with the CIELCh color 62, 18.033, 295.506.



This preview shows how white text looks on a background with the CIELCh color 62, 18.033, 295.506.

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

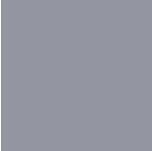
62, 18.033, 295.506

Protanopia

62, 18.018, 286.568

Deuteranopia

62, 18.642, 296.552



Tritanopia
62, 6.252, 280.576

Trichromacy



Original Color
62, 18.033, 295.506

Protanomaly
62, 17.989, 289.898

Deuteranomaly
62, 18.642, 296.552

Tritanomaly
62, 10.105, 289.208

Monochromacy



Original Color
62, 18.033, 295.506

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 6.755, 294.095

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 18.033, 295.506 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, 147, 179)` looks like.

```
.text, #text, p{  
    color:rgb(150, 147, 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(150, 147, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 147, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 18.033, 295.506 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, 147, 179) }
```

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

```
.border{ border-color:rgb(150, 147, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 147, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 147, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 147, 179);  
box-shadow:4px 4px 4px 4px rgb(150, 147,  
179) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 18.033, 295.506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 147, 179) }
```

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

```
.background{ background-color: rgb(150,  
147, 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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