

Converting Colors

CIELCh(62, 15.075, 303.957)

Have a look what the booklet for
CIELCh(62, 15.075, 303.957)
contains.

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Color

CIELCh(62, 15.033, 304.368)

Conversions

Conversions Part 1

Format	Color
Hex	9B92AC
RGB	155, 146, 172
RGB Percent	61%, 57%, 67%
CMY	0.3931, 0.4283, 0.3264
CMYK	0.10, 0.15, 0.00, 0.33
HSL	261°, 14%, 62%
HSV	261°, 15%, 67%
XYZ	31.1405, 30.4025, 43.1379
YIQ	151.6550, -2.9820, 9.9940

Conversions

Conversions Part 2

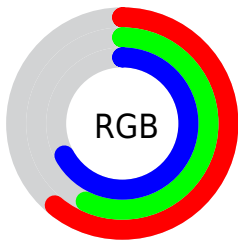
Format	Color
RYB	155, 146, 172
Decimal	10195628
CIELab	62.00, 8.49, -12.41
CIELCh	62, 15.033, 304.368
Yxy	30.4025, 0.2975, 0.2904
Android (android.graphics.Color)	4288385708 (0xFF9B92AC)
YUV	151.6550, 10.0301, 2.9336
Hunter-Lab	55.1385, 4.3190, -7.7890

Details

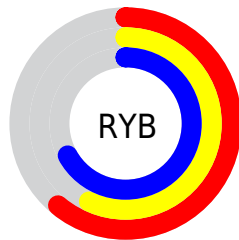
The CIELCh color $62, 15.033, 304.368$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $69, 14.632, 122.729$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 14.804, 305.054$, and $42, 14.897, 304.186$ is the 20% darker color. If you saturate the color by 10%, you get $57, 25.379, 305.017$, and if you desaturate by 10%, it is $67, 5.017, 303.780$.

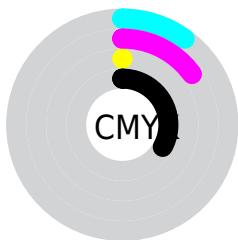
Distribution



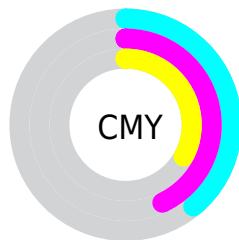
- Red (61%)
- Green (57%)
- Blue (67%)



- Red (61%)
- Yellow (57%)
- Blue (67%)



- Cyan (10%)
- Magenta (15%)
- Yellow (0%)
- Black (33%)





- Cyan (39%)
- Magenta (43%)
- Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 15.033, 304.368 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, 15.033, 304.368 by changing the saturation by 10% instead.


 62, 15.033,
304.368


 62, 15.033,
304.368


 100, 15.033,
304.368


 52, 15.033,
304.368


 82, 15.033,
304.368

 42, 15.033,
304.368


 92, 15.033,
304.368

 32, 15.033,
304.368

 22, 15.033,
304.368

 12, 15.033,
304.368

 2, 15.033, 304.368

 0, 15.033, 304.368

62, 15.033,
304.368

62, 15.033,
304.368

57, 25.379,
305.017

67, 5.017, 303.780

51, 36.034,
305.735

73, 4.663, 123.294

46, 46.926,
306.508

78, 14.015,
122.840

41, 57.902,
307.306

84, 23.055,
122.451

36, 68.665,
308.075

89, 31.799,
122.115

31, 78.696,
308.719

94, 40.265,
121.826


27, 87.200,
309.104


97, 42.576,
118.233

25, 93.252,

98, 41.892,
112.496

309.075

 98, 41.675,
106.996

 23, 95.714,
309.029

Harmonies

Complementary

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



62, 15.033, 304.368



69, 14.632, 122.729

Rectangle

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



62, 15.033, 304.368



62, 15.033, 354.368



62, 15.033, 124.368



62, 15.033, 174.368

Sweetspot

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



62, 15.031, 304.366



86, 6.075, 303.778



66, 7.794, 237.163



45, 4.144, 303.816



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



62, 15.031, 304.366



77, 22.342, 304.567



63, 16.698, 320.466



34, 5.614, 304.018



20, 86.710, 309.135



1, 11.588, 301.132

Inverse Universe

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



63, 13.768, 337.273



79, 20.396, 337.521



68, 16.594, 139.069



34, 5.168, 336.829



33, 60.763, 347.986



2, 10.126, 340.566

Previews

White Background



This preview shows how the CIELCh color 62, 15.033, 304.368 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, 15.033, 304.368 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

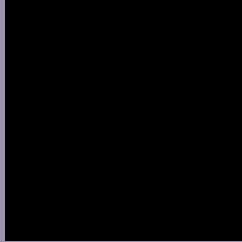
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 15.033, 304.368

Background



This preview shows how black text looks on a background with the CIELCh color 62, 15.033, 304.368.



This preview shows how white text looks on a background with the CIELCh color 62, 15.033, 304.368.

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, 15.033, 304.368

Protanopia

62, 14.073, 285.880

Deuteranopia

62, 14.956, 302.993



Tritanopia
62, 7.026, 306.453

Trichromacy



Original Color
62, 15.033, 304.368

Protanomaly
62, 14.054, 293.178

Deuteranomaly
62, 14.956, 302.993

Tritanomaly
62, 9.943, 306.429

Monochromacy



Original Color
62, 15.033, 304.368

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 5.744, 302.152

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 15.033, 304.368 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, 146, 172)` looks like.

```
.text, #text, p{  
    color:rgb(155, 146, 172)  
}
```

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, 146, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 146, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 15.033, 304.368 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, 146, 172) }
```

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

```
.border{ border-color:rgb(155, 146, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 146, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 146, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 146, 172);  
box-shadow:4px 4px 4px 4px rgb(155, 146,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 15.033, 304.368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 146, 172) }
```

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

```
.background{ background-color: rgb(155,  
146, 172) }
```

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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