

Converting Colors

CIELCh(62, 23.910, 318.608)

Have a look what the booklet for
CIELCh(62, 23.910, 318.608)
contains.

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Color

CIELCh(62, 23.910, 318.608)

Conversions

Conversions Part 1

Format	Color
Hex	A98CB2
RGB	169, 140, 178
RGB Percent	66%, 55%, 70%
CMY	0.3373, 0.4510, 0.3020
CMYK	0.05, 0.21, 0.00, 0.30
HSL	286°, 20%, 62%
HSV	286°, 21%, 70%
XYZ	33.7730, 30.4025, 46.2040
YIQ	153.0030, 5.0860, 17.9660

Conversions

Conversions Part 2

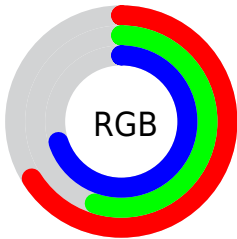
Format	Color
R _Y B	169, 140, 178
Decimal	11111602
CIE Lab	62.00, 17.94, -15.81
CIE LCh	62, 23.910, 318.608
Yxy	30.4025, 0.3060, 0.2754
Android (android.graphics.Color)	4289301682 (0xFFA98CB2)
YUV	153.0030, 12.3235, 14.0294
Hunter-Lab	55.1385, 12.8409, -11.0859

Details

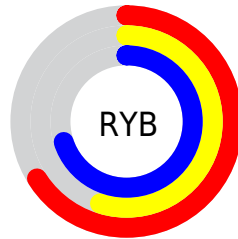
The CIELCh color **62, 23.910, 318.608** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **70, 23.622, 136.688**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 23.765, 318.026**, and **42, 23.613, 319.118** is the 20% darker color. If you saturate the color by 10%, you get **57, 35.272, 319.041**, and if you desaturate by 10%, it is **67, 12.608, 318.166**.

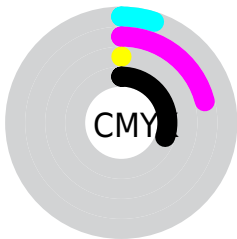
Distribution



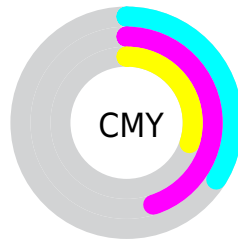
- Red (66%)
- Green (55%)
- Blue (70%)



- Red (66%)
- Yellow (55%)
- Blue (70%)



- Cyan (5%)
- Magenta (21%)
- Yellow (0%)
- Black (30%)



- Cyan (34%)
- Magenta (45%)
- Yellow (30%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 23.910, 318.608 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, 23.910, 318.608 by changing the saturation by 10% instead.

 62, 23.910,
318.608


 62, 23.910,
318.608


 100, 23.910,
318.608


 52, 23.910,
318.608


 82, 23.910,
318.608

 42, 23.910,
318.608

 92, 23.910,
318.608

 32, 23.910,
318.608

 22, 23.910,
318.608

 12, 23.910,
318.608

 2, 23.910, 318.608

 0, 23.910, 318.608

62, 23.910,
318.608

62, 23.910,
318.608

57, 35.272,
319.041

67, 12.608,
318.166

53, 46.513,
319.449

72, 1.488, 317.633

77, 9.382, 137.368

48, 57.353,
319.805

82, 19.967,
136.976

44, 67.406,
320.072

87, 30.251,
136.618

41, 76.180,
320.203

92, 40.232,
136.290

38, 83.143,
320.149

95, 44.329,
135.284

36, 87.860,
319.860

95, 43.604,
133.622

35, 90.426,

319.455

 95, 42.912,
131.882

Harmonies

Complementary

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



62, 23.910, 318.608



70, 23.622, 136.688

Rectangle

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



62, 23.910, 318.608



62, 23.910, 8.608



62, 23.910, 138.608



62, 23.910, 188.608

Sweetspot

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



62, 23.908, 318.608



88, 8.231, 317.929



62, 16.247, 280.111



47, 5.507, 317.958



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, 23.908, 318.608



76, 36.229, 318.831



63, 21.454, 333.735



35, 6.296, 318.076



30, 80.844, 319.549



2, 14.743, 314.828

Inverse Universe

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



62, 15.850, 2.652



76, 24.202, 3.305



69, 21.325, 150.803



35, 4.101, 1.290



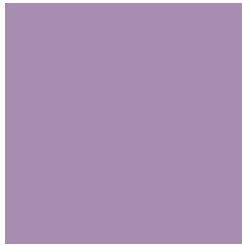
32, 61.592, 25.651



2, 9.506, 4.560

Previews

White Background



This preview shows how the CIELCh color 62, 23.910, 318.608 looks on a white background.

Color Contrast Check

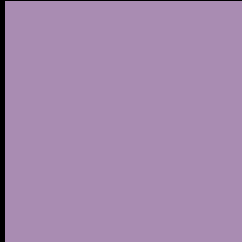
Large Text (above 18pt) WCAG AA × Fail

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, 23.910, 318.608 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

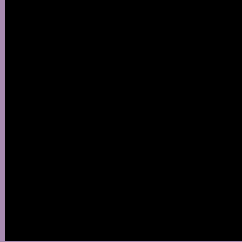
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 23.910, 318.608

Background



This preview shows how black text looks on a background with the CIELCh color 62, 23.910, 318.608.



This preview shows how white text looks on a background with the CIELCh color 62, 23.910, 318.608.

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, 23.910, 318.608

Protanopia

62, 19.721, 285.270

Deuteranopia

62, 17.604, 299.069



Tritanopia
62, 10.538, 344.725

Trichromacy



Original Color
62, 23.910, 318.608

Protanomaly
62, 20.386, 298.311

Deuteranomaly
62, 19.315, 307.320

Tritanomaly
62, 14.500, 330.233

Monochromacy



Original Color
62, 23.910, 318.608

Achromatopsia
63, 0.008, 296.813

Achromatomaly
63, 8.926, 318.732

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 23.910, 318.608 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(169, 140, 178)` looks like.

```
.text, #text, p{  
    color:rgb(169, 140, 178)  
}
```

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(169, 140, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 140, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 23.910, 318.608 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(169, 140, 178) }
```

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

```
.border{ border-color:rgb(169, 140, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 140, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 140, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 140, 178);  
box-shadow:4px 4px 4px 4px rgb(169, 140,  
178) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 23.910, 318.608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 140, 178) }
```

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

```
.background{ background-color: rgb(169,  
140, 178) }
```

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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