

Converting Colors

CIELCh(62, 23.993, 303.672)

Have a look what the booklet for
CIELCh(62, 23.993, 303.672)
contains.

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Color

CIELCh(62, 24.158, 303.591)

Conversions

Conversions Part 1

Format	Color
Hex	9C8FB9
RGB	156, 143, 185
RGB Percent	61%, 56%, 73%
CMY	0.3866, 0.4376, 0.2728
CMYK	0.16, 0.23, 0.00, 0.27
HSL	259°, 23%, 64%
HSV	259°, 23%, 73%
XYZ	32.4818, 30.4025, 50.2984
YIQ	151.6750, -5.7340, 15.8180

Conversions

Conversions Part 2

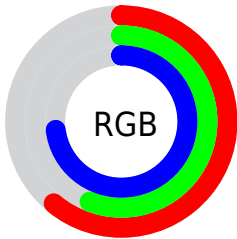
Format	Color
R_{YB}	156, 143, 185
Decimal	10260409
CIE _{Lab}	62.00, 13.37, -20.12
CIE _{LCh}	62, 24.158, 303.591
Yxy	30.4025, 0.2870, 0.2686
Android (android.graphics.Color)	4288450489 (0xFF9C8FB9)
YUV	151.6750, 16.4292, 3.7930
Hunter-Lab	55.1385, 8.6611, -15.4885

Details

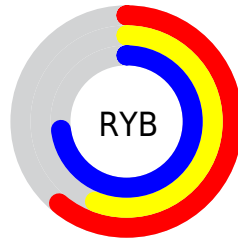
The CIELCh color **62, 24.158, 303.591** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **73, 23.136, 120.883**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 23.939, 303.604**, and **42, 24.046, 303.111** is the 20% darker color. If you saturate the color by 10%, you get **56, 35.406, 304.354**, and if you desaturate by 10%, it is **68, 13.265, 302.906**.

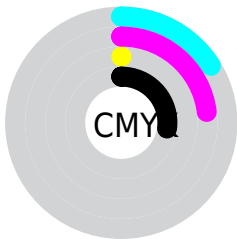
Distribution



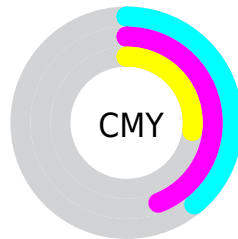
- Red (61%)
- Green (56%)
- Blue (73%)



- Red (61%)
- Yellow (56%)
- Blue (73%)



- Cyan (16%)
- Magenta (23%)
- Yellow (0%)
- Black (27%)





- Cyan (39%)
- Magenta (44%)
- Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 24.158, 303.591 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, 24.158, 303.591 by changing the saturation by 10% instead.


 62, 24.158,
303.591


 62, 24.158,
303.591


 100, 24.158,
303.591


 52, 24.158,
303.591


 82, 24.158,
303.591

 42, 24.158,
303.591

 92, 24.158,
303.591

 32, 24.158,
303.591

 22, 24.158,
303.591

 12, 24.158,
303.591

 2, 24.158, 303.591

 0, 24.158, 303.591

62, 24.158,
303.591

62, 24.158,
303.591

56, 35.406,
304.354

68, 13.265,
302.906

50, 46.962,
305.192

74, 2.744, 302.291

80, 7.411, 121.789

45, 58.697,
306.079

85, 17.215,
121.329

39, 70.347,
306.968

91, 26.687,
120.933

34, 81.414,
307.768

97, 35.846,
120.591

30, 91.080,
308.343

98, 35.158,
113.089

27, 98.274,
308.517

99, 34.966,
107.514

25, 102.051,

308.451

Harmonies

Complementary

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



62, 24.158, 303.591



73, 23.136, 120.883

Rectangle

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



62, 24.158, 303.591



62, 24.158, 353.591



62, 24.158, 123.591



62, 24.158, 173.591

Sweetspot

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



62, 24.156, 303.590



90, 9.030, 302.560



69, 12.168, 233.592



48, 5.921, 302.597



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



62, 24.156, 303.590



76, 36.057, 303.947



64, 26.503, 319.803



36, 5.855, 302.696



20, 89.477, 308.576



1, 15.604, 299.181

Inverse Universe

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



64, 22.594, 336.272



79, 33.475, 336.646



72, 26.225, 137.685



36, 5.562, 335.278



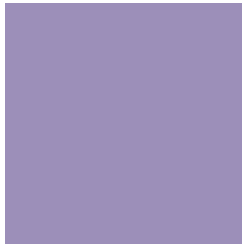
34, 63.589, 345.295



3, 13.951, 339.856

Previews

White Background



This preview shows how the CIELCh color 62, 24.158, 303.591 looks on a white background.

Color Contrast Check

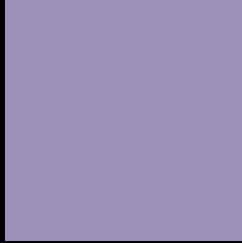
Large Text (above 18pt) WCAG AA × Fail

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, 24.158, 303.591 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

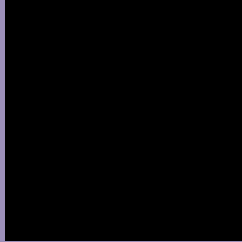
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 24.158, 303.591

Background



This preview shows how black text looks on a background with the CIELCh color 62, 24.158, 303.591.



This preview shows how white text looks on a background with the CIELCh color 62, 24.158, 303.591.

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, 24.158, 303.591

Protanopia

62, 23.102, 285.942

Deuteranopia

62, 21.347, 292.482



Tritanopia
62, 6.931, 303.448

Trichromacy



Original Color
62, 24.158, 303.591

Protanomaly
62, 23.613, 292.726

Deuteranomaly
62, 21.995, 296.168

Tritanomaly
62, 13.312, 304.335

Monochromacy



Original Color
62, 24.158, 303.591

Achromatopsia
63, 0.008, 296.813

Achromatomaly
63, 8.647, 303.545

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 24.158, 303.591 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(156, 143, 185)` looks like.

```
.text, #text, p{  
    color:rgb(156, 143, 185)  
}
```

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(156, 143, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 143, 185) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 24.158, 303.591 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(156, 143, 185) }
```

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

```
.border{ border-color:rgb(156, 143, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 143, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 143, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 143, 185);  
box-shadow:4px 4px 4px 4px rgb(156, 143,  
185) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 24.158, 303.591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 143, 185) }
```

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

```
.background{ background-color: rgb(156,  
143, 185) }
```

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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