

Converting Colors

CIELCh(62, 26.110, 302.301)

Have a look what the booklet for
CIELCh(62, 26.110, 302.301)
contains.

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Color

CIELCh(62, 26.353, 302.782)

Conversions

Conversions Part 1

Format	Color
Hex	9C8FBD
RGB	156, 143, 189
RGB Percent	61%, 56%, 74%
CMY	0.3881, 0.4391, 0.2587
CMYK	0.17, 0.24, 0.00, 0.26
HSL	257°, 26%, 65%
HSV	257°, 24%, 74%
XYZ	32.7342, 30.4025, 52.3079
YIQ	152.1310, -7.0180, 17.0620

Conversions

Conversions Part 2

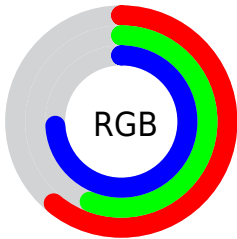
Format	Color
R_{YB}	156, 143, 189
Decimal	10260413
CIE _{Lab}	62.00, 14.27, -22.16
CIE _{LCh}	62, 26.353, 302.782
Yxy	30.4025, 0.2835, 0.2634
Android (android.graphics.Color)	4288450493 (0xFF9C8FBD)
YUV	152.1310, 18.1764, 3.3931
Hunter-Lab	55.1385, 9.4781, -17.6493

Details

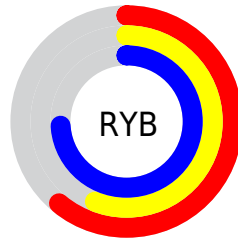
The CIELCh color $62, 26.353, 302.782$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $75, 25.108, 119.709$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 26.013, 302.764$, and $42, 26.406, 302.407$ is the 20% darker color. If you saturate the color by 10%, you get $56, 37.827, 303.608$, and if you desaturate by 10%, it is $68, 15.250, 302.045$.

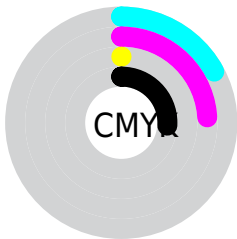
Distribution



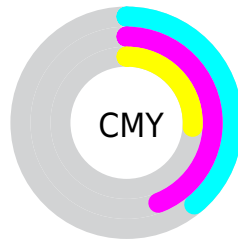
- Red (61%)
- Green (56%)
- Blue (74%)



- Red (61%)
- Yellow (56%)
- Blue (74%)



- Cyan (17%)
- Magenta (24%)
- Yellow (0%)
- Black (26%)





- Cyan (39%)
- Magenta (44%)
- Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 26.353, 302.782 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, 26.353, 302.782 by changing the saturation by 10% instead.


 62, 26.353,
302.782


 62, 26.353,
302.782


 100, 26.353,
302.782


 52, 26.353,
302.782


 82, 26.353,
302.782

 42, 26.353,
302.782

 92, 26.353,
302.782

 32, 26.353,
302.782

 22, 26.353,
302.782

 12, 26.353,
302.782

 2, 26.353, 302.782

 0, 26.353, 302.782

62, 26.353,
302.782

62, 26.353,
302.782

56, 37.827,
303.608

68, 15.250,
302.045

50, 49.621,
304.516

74, 4.534, 301.392

80, 5.802, 120.843

44, 61.595,
305.481

86, 15.776,
120.350

39, 73.456,
306.447

92, 25.406,
119.927

34, 84.643,
307.315

97, 33.919,
118.947

30, 94.243,
307.928

98, 33.232,
110.303

26, 101.098,
308.101

99, 33.187,
107.651

25, 104.011,

Harmonies

Complementary

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



62, 26.353, 302.782



75, 25.108, 119.709

Rectangle

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



62, 26.353, 302.782



62, 26.353, 352.782



62, 26.353, 122.782



62, 26.353, 172.782

Sweetspot

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



62, 26.351, 302.781



91, 9.074, 301.566



70, 13.229, 229.288



48, 5.899, 301.604



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, 26.351, 302.781



75, 39.091, 303.194



64, 28.699, 318.852



37, 5.969, 301.710



20, 90.984, 308.212



1, 17.643, 298.461

Inverse Universe

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



65, 25.122, 335.267



79, 36.932, 335.657



73, 28.316, 136.621



37, 5.800, 334.182



35, 65.455, 343.384



3, 16.325, 338.801

Previews

White Background



This preview shows how the CIELCh color 62, 26.353, 302.782 looks on a white background.

Color Contrast Check

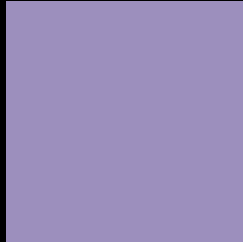
Large Text (above 18pt) WCAG AA × Fail

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, 26.353, 302.782 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

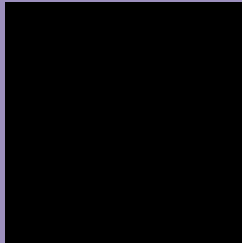
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 26.353, 302.782

Background



This preview shows how black text looks on a background with the CIELCh color 62, 26.353, 302.782.



This preview shows how white text looks on a background with the CIELCh color 62, 26.353, 302.782.

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, 26.353, 302.782

Protanopia

62, 25.379, 285.372

Deuteranopia

62, 23.024, 290.958



Tritanopia
62, 6.855, 300.376

Trichromacy



Original Color
62, 26.353, 302.782

Protanomaly
62, 25.846, 292.210

Deuteranomaly
62, 23.648, 295.218

Tritanomaly
62, 14.335, 301.963

Monochromacy



Original Color
62, 26.353, 302.782

Achromatopsia
63, 0.008, 296.813

Achromatomaly
62, 9.123, 300.526

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 26.353, 302.782 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, 189)` looks like.

```
.text, #text, p{  
    color:rgb(156, 143, 189)  
}
```

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, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 143, 189) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 26.353, 302.782 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, 189) }
```

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

```
.border{ border-color:rgb(156, 143, 189) }
```

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, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(156, 143, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(156, 143, 189); box-shadow:4px 4px 4px 4px rgb(156, 143, 189) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 26.353, 302.782 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, 189) }
```

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

```
.background{ background-color: rgb(156,  
143, 189) }
```

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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