

Converting Colors

CIELCh(62, 39.739, 306.556)

Have a look what the booklet for
CIELCh(62, 39.739, 306.556)
contains.

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Color

CIELCh(62, 39.783, 306.170)

Conversions

Conversions Part 1

Format	Color
Hex	A38ACF
RGB	163, 138, 207
RGB Percent	64%, 54%, 81%
CMY	0.3614, 0.4594, 0.1889
CMYK	0.21, 0.33, 0.00, 0.19
HSL	262°, 42%, 68%
HSV	262°, 33%, 81%
XYZ	35.3834, 30.4025, 62.9336
YIQ	153.3410, -7.2490, 26.7590

Conversions

Conversions Part 2

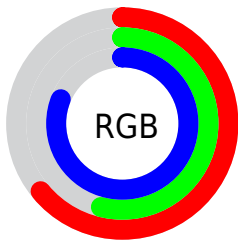
Format	Color
R_{YB}	163, 138, 207
Decimal	10717903
CIE _{Lab}	62.00, 23.48, -32.12
CIE _{LCh}	62, 39.783, 306.170
Yxy	30.4025, 0.2749, 0.2362
Android (android.graphics.Color)	4288907983 (0xFFA38ACF)
YUV	153.3410, 26.4539, 8.4709
Hunter-Lab	55.1385, 18.0544, -29.0750

Details

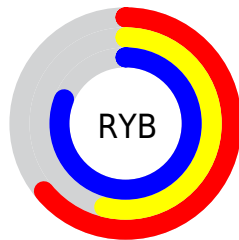
The CIELCh color $62, 39.783, 306.170$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $80, 37.394, 122.352$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 34.793, 307.849$, and $42, 39.444, 306.164$ is the 20% darker color. If you saturate the color by 10%, you get $56, 52.418, 306.916$, and if you desaturate by 10%, it is $68, 27.424, 305.476$.

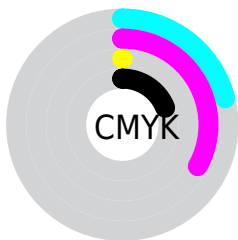
Distribution



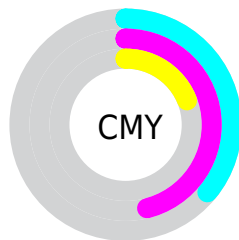
- Red (64%)
- Green (54%)
- Blue (81%)



- Red (64%)
- Yellow (54%)
- Blue (81%)



- Cyan (21%)
- Magenta (33%)
- Yellow (0%)
- Black (19%)





- Cyan (36%)
- Magenta (46%)
- Yellow (19%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 39.783, 306.170 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, 39.783, 306.170 by changing the saturation by 10% instead.


 62, 39.783,
306.170


 62, 39.783,
306.170


 100, 39.783,
306.170


 52, 39.783,
306.170


 82, 39.783,
306.170


 42, 39.783,
306.170

 92, 39.783,
306.170

 32, 39.783,
306.170

 22, 39.783,
306.170

 12, 39.783,
306.170

 2, 39.783, 306.170

 0, 39.783, 306.170

62, 39.783,
306.170

62, 39.783,
306.170

56, 52.418,
306.916

68, 27.424,
305.476

50, 65.160,
307.687

75, 15.425,
304.846

44, 77.671,
308.429

81, 3.814, 304.273

87, 7.407, 123.810

39, 89.362,
309.049

94, 18.248,
123.374

34, 99.324,
309.414

98, 24.843,
119.518

31, 106.467,
309.365

99, 24.312,
108.334

29, 109.752,
309.151

Harmonies

Complementary

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



62, 39.783, 306.170



80, 37.394, 122.352

Rectangle

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



62, 39.783, 306.170



62, 39.783, 356.170



62, 39.783, 126.170



62, 39.783, 176.170

Sweetspot

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



62, 39.781, 306.170



93, 13.619, 304.657



72, 19.245, 241.960



48, 9.313, 304.739



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



62, 39.781, 306.170



70, 57.112, 306.698



65, 43.243, 321.807



41, 6.571, 304.616



23, 93.975, 309.298



2, 26.147, 302.672

Inverse Universe

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



66, 35.068, 339.564



76, 49.624, 340.242



78, 42.797, 138.370



41, 5.964, 337.563



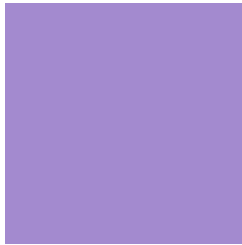
37, 65.290, 349.525



5, 23.626, 344.765

Previews

White Background



This preview shows how the CIELCh color 62, 39.783, 306.170 looks on a white background.

Color Contrast Check

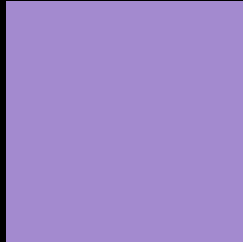
Large Text (above 18pt) WCAG AA × Fail

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, 39.783, 306.170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

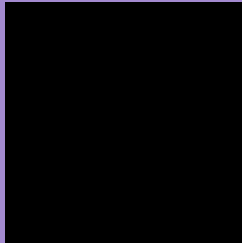
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 39.783, 306.170

Background



This preview shows how black text looks on a background with the CIELCh color 62, 39.783, 306.170.

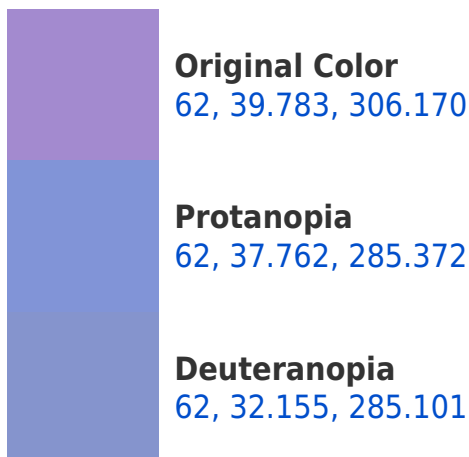



This preview shows how white text looks on a background with the CIELCh color 62, 39.783, 306.170.

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





Tritanopia
62, 7.280, 312.218

Trichromacy



Original Color
62, 39.783, 306.170

Protanomaly
62, 38.178, 292.806

Deuteranomaly
62, 34.843, 293.878

Tritanomaly
62, 18.682, 306.669

Monochromacy



Original Color
62, 39.783, 306.170

Achromatopsia
63, 0.008, 296.813

Achromatomaly
63, 15.101, 305.727

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 39.783, 306.170 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(163, 138, 207)` looks like.

```
.text, #text, p{  
    color:rgb(163, 138, 207)  
}
```

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(163, 138, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 138, 207) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 39.783, 306.170 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(163, 138, 207) }
```

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

```
.border{ border-color:rgb(163, 138, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 138, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 138, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 138, 207);  
box-shadow:4px 4px 4px 4px rgb(163, 138,  
207) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 39.783, 306.170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 138, 207) }
```

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

```
.background{ background-color: rgb(163,  
138, 207) }
```

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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