

Converting Colors

CIELCh(61, 21.998, 307.979)

Have a look what the booklet for
CIELCh(61, 21.998, 307.979)
contains.

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Color

CIELCh(61, 22.390, 308.267)

Conversions

Conversions Part 1

Format	Color
Hex	9D8CB2
RGB	157, 140, 178
RGB Percent	62%, 55%, 70%
CMY	0.3833, 0.4500, 0.3009
CMYK	0.12, 0.21, 0.00, 0.30
HSL	267°, 20%, 62%
HSV	267°, 21%, 70%
XYZ	31.4315, 29.2481, 46.2460
YIQ	149.4150, -2.0660, 15.4220

Conversions

Conversions Part 2

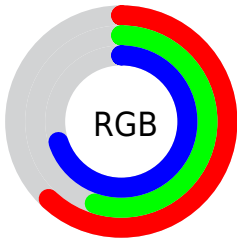
Format	Color
R_{YB}	157, 140, 178
Decimal	10325170
CIE _{Lab}	61.00, 13.87, -17.58
CIE _{LCh}	61, 22.390, 308.267
Yxy	29.2481, 0.2940, 0.2735
Android (android.graphics.Color)	4288515250 (0xFF9D8CB2)
YUV	149.4150, 14.0924, 6.6520
Hunter-Lab	54.0815, 9.0992, -12.8428

Details

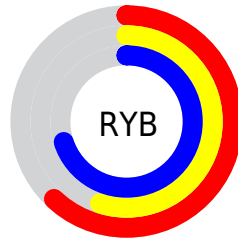
The CIELCh color $61, 22.390, 308.267$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $70, 21.679, 126.208$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 22.275, 308.144$, and $41, 22.117, 307.961$ is the 20% darker color. If you saturate the color by 10%, you get $56, 33.338, 308.837$, and if you desaturate by 10%, it is $66, 11.715, 307.737$.

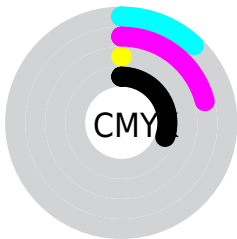
Distribution



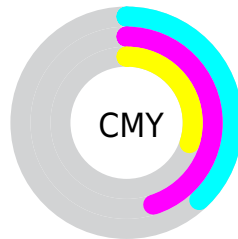
- Red (62%)
- Green (55%)
- Blue (70%)



- Red (62%)
- Yellow (55%)
- Blue (70%)



- Cyan (12%)
- Magenta (21%)
- Yellow (0%)
- Black (30%)





- Cyan (38%)
- Magenta (45%)
- Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 22.390, 308.267 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 61, 22.390, 308.267 by changing the saturation by 10% instead.


 61, 22.390,
308.267


 61, 22.390,
308.267


 100, 22.390,
308.267


 51, 22.390,
308.267


 81, 22.390,
308.267

 41, 22.390,
308.267

 91, 22.390,
308.267

 31, 22.390,
308.267

 21, 22.390,
308.267

 11, 22.390,
308.267

 1, 22.390, 308.267

 0, 22.390, 308.267

61, 22.390,
308.267

61, 22.390,
308.267

56, 33.338,
308.837

66, 11.715,
307.737

50, 44.484,
309.438

72, 1.354, 307.200

77, 8.684, 126.854

45, 55.670,
310.041

83, 18.402,
126.473

40, 66.614,
310.601

88, 27.809,
126.142

36, 76.856,
311.045

94, 36.921,
125.854

32, 85.715,
311.267

96, 40.161,
123.004

29, 92.375,
311.142

97, 39.245,
117.861

27, 96.435,

310.796

 98, 38.680,
112.423

Harmonies

Complementary

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



61, 22.390, 308.267



70, 21.679, 126.208

Rectangle

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



61, 22.390, 308.267



61, 22.390, 358.267



61, 22.390, 128.267



61, 22.390, 178.267

Sweetspot

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



61, 22.388, 308.266



88, 7.635, 307.475



65, 11.689, 250.721



47, 5.110, 307.507



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



61, 22.388, 308.266



74, 34.071, 308.554



63, 25.012, 323.696



35, 5.849, 307.636



22, 86.040, 310.930



1, 13.732, 303.557

Inverse Universe

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



62, 18.735, 342.666



77, 28.383, 343.151



69, 24.930, 141.405



35, 4.930, 341.607



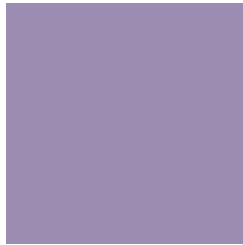
33, 58.738, 356.511



2, 10.948, 346.919

Previews

White Background



This preview shows how the CIELCh color 61, 22.390, 308.267 looks on a white background.

Color Contrast Check

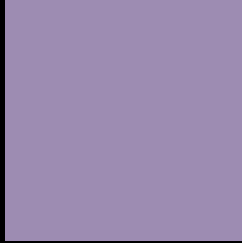
Large Text (above 18pt) WCAG AA ✓ Pass

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 61, 22.390, 308.267 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

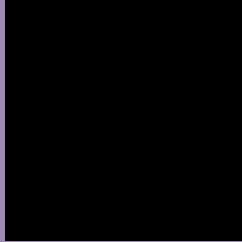
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 22.390, 308.267

Background



This preview shows how black text looks on a background with the CIELCh color 61, 22.390, 308.267.



This preview shows how white text looks on a background with the CIELCh color 61, 22.390, 308.267.

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

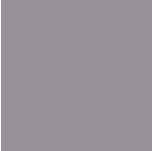
61, 22.390, 308.267

Protanopia

61, 20.348, 285.597

Deuteranopia

61, 19.222, 295.438



Tritanopia
61, 7.803, 320.116

Trichromacy



Original Color
61, 22.390, 308.267

Protanomaly
61, 20.886, 294.375

Deuteranomaly
61, 19.996, 300.503

Tritanomaly
61, 12.716, 312.054

Monochromacy



Original Color
61, 22.390, 308.267

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 8.344, 309.438

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 22.390, 308.267 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(157, 140, 178)` looks like.

```
.text, #text, p{  
    color:rgb(157, 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(157, 140, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 140, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 22.390, 308.267 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(157, 140, 178) }
```

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

```
.border{ border-color:rgb(157, 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(157, 140, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 140, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 140, 178);  
box-shadow:4px 4px 4px 4px rgb(157, 140,  
178) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 22.390, 308.267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 140, 178) }
```

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

```
.background{ background-color: rgb(157,  
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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