

Converting Colors

CIELCh(61, 23.177, 320.726)

Have a look what the booklet for
CIELCh(61, 23.177, 320.726)
contains.

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Color

CIELCh(61, 23.177, 320.726)

Conversions

Conversions Part 1

Format	Color
Hex	A789AD
RGB	167, 137, 173
RGB Percent	65%, 54%, 68%
CMY	0.3439, 0.4616, 0.3204
CMYK	0.03, 0.21, 0.00, 0.32
HSL	290°, 18%, 61%
HSV	290°, 21%, 68%
XYZ	32.5560, 29.2481, 43.6145
YIQ	150.0740, 6.3240, 17.5560

Conversions

Conversions Part 2

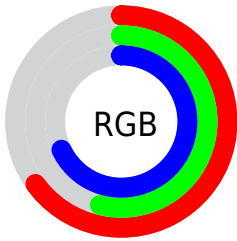
Format	Color
R _{YB}	167, 137, 173
Decimal	10979757
CIE _{Lab}	61.00, 17.94, -14.67
CIE _{LCh}	61, 23.177, 320.726
Y _{xy}	29.2481, 0.3088, 0.2774
Android (android.graphics.Color)	4289169837 (0xFFA789AD)
YUV	150.0740, 11.3025, 14.8441
Hunter-Lab	54.0815, 12.8107, -9.9578

Details

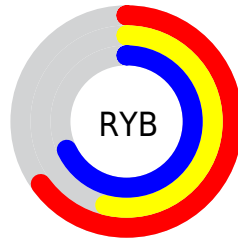
The CIELCh color $61, 23.177, 320.726$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $68, 22.991, 138.748$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 22.596, 320.665$, and $41, 23.362, 320.718$ is the 20% darker color. If you saturate the color by 10%, you get $56, 34.427, 321.173$, and if you desaturate by 10%, it is $66, 11.943, 320.266$.

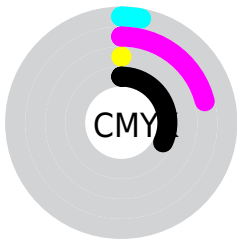
Distribution



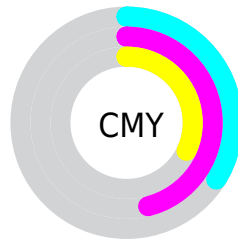
- Red (65%)
- Green (54%)
- Blue (68%)



- Red (65%)
- Yellow (54%)
- Blue (68%)



- Cyan (3%)
- Magenta (21%)
- Yellow (0%)
- Black (32%)





- Cyan (34%)
- Magenta (46%)
- Yellow (32%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 23.177, 320.726 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, 23.177, 320.726 by changing the saturation by 10% instead.

 61, 23.177,
320.726


 61, 23.177,
320.726


 100, 23.177,
320.726


 51, 23.177,
320.726


 81, 23.177,
320.726

 41, 23.177,
320.726

 91, 23.177,
320.726

 31, 23.177,
320.726

 21, 23.177,
320.726

 11, 23.177,
320.726

 1, 23.177, 320.726

 0, 23.177, 320.726

61, 23.177,
320.726

61, 23.177,
320.726

56, 34.427,
321.173

66, 11.943,
320.266

52, 45.498,
321.593

70, 0.862, 319.609

75, 9.987, 139.423

48, 56.097,
321.960

80, 20.558,
139.003

45, 65.835,
322.245

85, 30.832,
138.615

41, 74.245,
322.410

90, 40.801,
138.255

39, 80.843,
322.417


94, 48.377,
137.792

37, 85.267,
322.232

94, 47.845,
136.818

36, 87.744,

321.921

 94, 47.324,
135.812

Harmonies

Complementary

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



61, 23.177, 320.726



68, 22.991, 138.748

Rectangle

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



61, 23.177, 320.726



61, 23.177, 10.726



61, 23.177, 140.726



61, 23.177, 190.726

Sweetspot

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



61, 23.175, 320.726



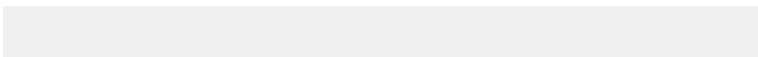
86, 8.172, 320.043



60, 17.038, 284.950



45, 5.416, 320.073



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



61, 23.175, 320.726



75, 34.471, 320.936



61, 19.274, 337.149



34, 6.268, 320.196



31, 79.054, 321.988



2, 12.909, 317.889

Inverse Universe

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



61, 14.782, 7.860



74, 22.210, 8.441



68, 19.076, 154.086



34, 3.905, 6.593



31, 63.532, 30.927



2, 7.973, 8.253

Previews

White Background



This preview shows how the CIELCh color 61, 23.177, 320.726 looks on a white background.

Color Contrast Check

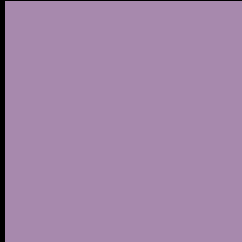
Large Text (above 18pt) WCAG AA ✓ Pass

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, 23.177, 320.726 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

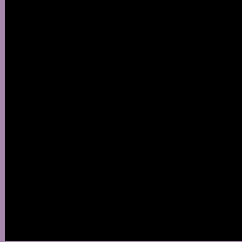
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 23.177, 320.726

Background



This preview shows how black text looks on a background with the CIELCh color 61, 23.177, 320.726.



This preview shows how white text looks on a background with the CIELCh color 61, 23.177, 320.726.

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, 23.177, 320.726

Protanopia

61, 18.647, 285.787

Deuteranopia

61, 15.976, 299.712



Tritanopia
61, 10.895, 346.007

Trichromacy



Original Color
61, 23.177, 320.726

Protanomaly
61, 19.389, 299.656

Deuteranomaly
61, 17.747, 308.718

Tritanomaly
61, 14.792, 331.444

Monochromacy



Original Color
61, 23.177, 320.726

Achromatopsia
62, 0.008, 296.813

Achromatomaly
61, 8.468, 320.520

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 23.177, 320.726 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(167, 137, 173)` looks like.

```
.text, #text, p{  
    color:rgb(167, 137, 173)  
}
```

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(167, 137, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 137, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 23.177, 320.726 is called "border". The border property can be set on classes, ids or directly on the HTML element.

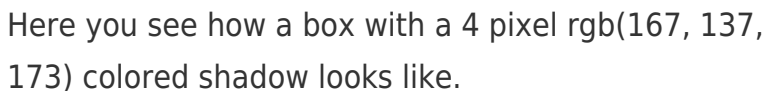
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(167, 137, 173) }
```

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

```
.border{ border-color:rgb(167, 137, 173) }
```

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



Here you see how a box with a 4 pixel `rgb(167, 137, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 137, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 137, 173);  
box-shadow:4px 4px 4px 4px rgb(167, 137,  
173) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 23.177, 320.726 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 137, 173) }
```

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

```
.background{ background-color: rgb(167,  
137, 173) }
```

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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