

Converting Colors

CIELCh(61, 18.918, 325.169)

Have a look what the booklet for
CIELCh(61, 18.918, 325.169)
contains.

CIELCh(61, 18.331, 325.305)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(61, 18.331, 325.305)

Conversions

Conversions Part 1

Format	Color
Hex	A68BA6
RGB	166, 139, 166
RGB Percent	65%, 55%, 65%
CMY	0.3497, 0.4556, 0.3497
CMYK	0.00, 0.16, 0.00, 0.35
HSL	300°, 13%, 60%
HSV	300°, 16%, 65%
XYZ	31.7612, 29.2481, 39.9607
YIQ	150.1510, 7.4250, 14.1210

Conversions

Conversions Part 2

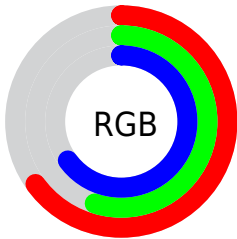
Format	Color
RYB	166, 139, 166
Decimal	10914726
CIELab	61.00, 15.07, -10.43
CIELCh	61, 18.331, 325.305
Yxy	29.2481, 0.3146, 0.2897
Android (android.graphics.Color)	4289104806 (0xFFA68BA6)
YUV	150.1510, 7.8136, 13.8996
Hunter-Lab	54.0815, 10.1875, -5.9522

Details

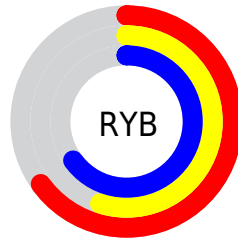
The CIELCh color $61, 18.331, 325.305$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $65, 18.312, 143.458$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 17.999, 325.122$, and $41, 18.189, 325.571$ is the 20% darker color. If you saturate the color by 10%, you get $57, 29.613, 325.842$, and if you desaturate by 10%, it is $65, 7.034, 324.747$.

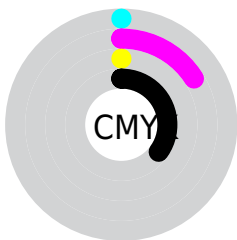
Distribution



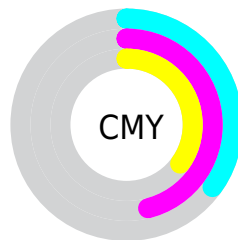
- Red (65%)
- Green (55%)
- Blue (65%)



- Red (65%)
- Yellow (55%)
- Blue (65%)



- Cyan (0%)
- Magenta (16%)
- Yellow (0%)
- Black (35%)





- Cyan (35%)
- Magenta (46%)
- Yellow (35%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 18.331, 325.305 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, 18.331, 325.305 by changing the saturation by 10% instead.


 61, 18.331,
325.305


 61, 18.331,
325.305


 100, 18.331,
325.305


 51, 18.331,
325.305


 81, 18.331,
325.305

 41, 18.331,
325.305

 91, 18.331,
325.305

 31, 18.331,
325.305

 21, 18.331,
325.305

 11, 18.331,
325.305

 1, 18.331, 325.305

 0, 18.331, 325.305

61, 18.331,
325.305

61, 18.331,
325.305

57, 29.613,
325.842

65, 7.034, 324.747

53, 40.668,
326.356

70, 4.122, 144.299

49, 51.199,
326.835

74, 15.044,
143.738

46, 60.834,
327.263

79, 25.677,
143.229

44, 69.154,
327.623

83, 35.991,
142.746

42, 75.758,
327.902

88, 45.978,
142.289


40, 80.365,
328.094


93, 55.640,
141.860

40, 82.974,

93, 55.696,
141.858

328.201

 93, 55.696,
141.858

 39, 83.737,
328.232

Harmonies

Complementary

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



61, 18.331, 325.305



65, 18.312, 143.458

Rectangle

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



61, 18.331, 325.305



61, 18.331, 15.305



61, 18.331, 145.305



61, 18.331, 195.305

Sweetspot

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



61, 18.329, 325.305



84, 6.963, 324.676



59, 15.070, 291.275



44, 4.790, 324.717



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



61, 18.329, 325.305



76, 28.031, 325.527



61, 13.114, 344.096



33, 6.429, 324.920



35, 76.993, 328.232



2, 11.673, 324.438

Inverse Universe

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



60, 10.873, 20.468



75, 16.877, 20.833



66, 12.872, 161.426



33, 3.724, 19.905



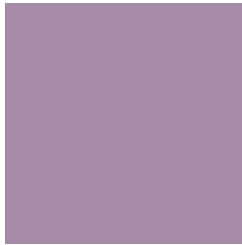
30, 69.026, 39.359



1, 6.572, 19.404

Previews

White Background



This preview shows how the CIELCh color 61, 18.331, 325.305 looks on a white background.

Color Contrast Check

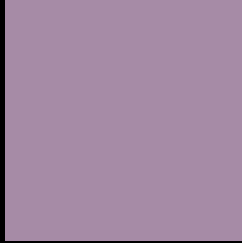
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIE LCh color 61, 18.331, 325.305 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

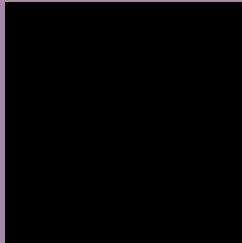
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 18.331, 325.305

Background



This preview shows how black text looks on a background with the CIELCh color 61, 18.331, 325.305.



This preview shows how white text looks on a background with the CIELCh color 61, 18.331, 325.305.

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, 18.331, 325.305

Protanopia

61, 14.100, 287.358

Deuteranopia

61, 13.008, 308.086



Tritanopia
61, 10.895, 346.007

Trichromacy



Original Color
61, 18.331, 325.305

Protanomaly
61, 15.011, 303.010

Deuteranomaly
61, 15.021, 316.590

Tritanomaly
61, 13.589, 336.137

Monochromacy



Original Color
61, 18.331, 325.305

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 6.834, 324.753

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 18.331, 325.305 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(166, 139, 166)` looks like.

```
.text, #text, p{  
    color:rgb(166, 139, 166)  
}
```

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(166, 139, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 139, 166) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 18.331, 325.305 is called "border". The border property can be set on classes, ids or directly on the HTML element.

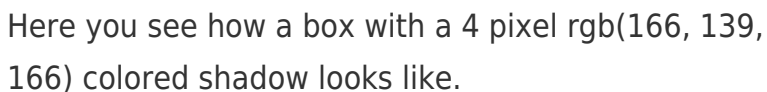
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(166, 139, 166) }
```

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

```
.border{ border-color:rgb(166, 139, 166) }
```

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



Here you see how a box with a 4 pixel `rgb(166, 139, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 139, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 139, 166);  
box-shadow:4px 4px 4px 4px rgb(166, 139,  
166) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 18.331, 325.305 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 139, 166) }
```

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

```
.background{ background-color: rgb(166,  
139, 166) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor