

Converting Colors

CIELCh(62, 19.353, 322.044)

Have a look what the booklet for
CIELCh(62, 19.353, 322.044)
contains.

CIELCh(62, 19.681, 322.544)	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(62, 19.681, 322.544)

Conversions

Conversions Part 1

Format	Color
Hex	A88DAB
RGB	168, 141, 171
RGB Percent	66%, 55%, 67%
CMY	0.3404, 0.4463, 0.3286
CMYK	0.02, 0.18, 0.00, 0.33
HSL	294°, 15%, 61%
HSV	294°, 18%, 67%
XYZ	33.1152, 30.4025, 42.7518
YIQ	152.4930, 6.4620, 15.0540

Conversions

Conversions Part 2

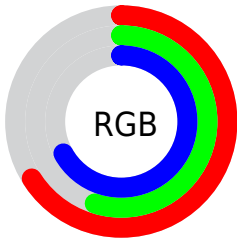
Format	Color
RYB	168, 141, 171
Decimal	11046315
CIELab	62.00, 15.62, -11.97
CIElCh	62, 19.681, 322.544
Yxy	30.4025, 0.3116, 0.2861
Android (android.graphics.Color)	4289236395 (0xFFA88DAB)
YUV	152.4930, 9.1240, 13.5996
Hunter-Lab	55.1385, 10.7115, -7.3737

Details

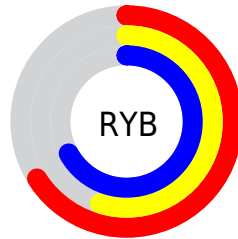
The CIELCh color $62, 19.681, 322.544$ is a light color, and the websafe version is hex `9999CC`. A complement of this color would be $67, 19.595, 140.778$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 19.287, 322.463$, and $42, 19.622, 322.586$ is the 20% darker color. If you saturate the color by 10%, you get $58, 30.988, 323.022$, and if you desaturate by 10%, it is $67, 8.397, 322.049$.

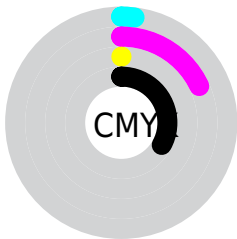
Distribution



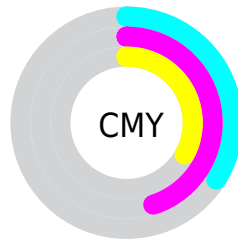
- Red (66%)
- Green (55%)
- Blue (67%)



- Red (66%)
- Yellow (55%)
- Blue (67%)



- Cyan (2%)
- Magenta (18%)
- Yellow (0%)
- Black (33%)



- Cyan (34%)
- Magenta (45%)
- Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 19.681, 322.544 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, 19.681, 322.544 by changing the saturation by 10% instead.


 62, 19.681,
322.544


 62, 19.681,
322.544


 100, 19.681,
322.544

 52, 19.681,
322.544


 82, 19.681,
322.544

 42, 19.681,
322.544

 92, 19.681,
322.544

 32, 19.681,
322.544

 22, 19.681,
322.544

 12, 19.681,
322.544

 2, 19.681, 322.544

 0, 19.681, 322.544

62, 19.681,
322.544

62, 19.681,
322.544

58, 30.988,
323.022

67, 8.397, 322.049

53, 42.127,
323.477

71, 2.726, 141.677

50, 52.815,
323.888

76, 13.609,
141.156

46, 62.681,
324.233

81, 24.208,
140.710

43, 71.283,
324.482

86, 34.500,
140.293

41, 78.167,
324.610

90, 44.480,
139.903

39, 82.978,
324.591

94, 50.658,
139.483

38, 85.731,

94, 50.332,
138.961

324.425

■ 94, 50.008,
138.428

■ 38, 86.308,
324.378

Harmonies

Complementary

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



62, 19.681, 322.544



67, 19.595, 140.778

Rectangle

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



62, 19.681, 322.544



62, 19.681, 12.544



62, 19.681, 142.544



62, 19.681, 192.544

Sweetspot

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



62, 19.679, 322.544



86, 6.878, 321.921



60, 15.256, 287.848



45, 4.732, 321.958



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



62, 19.679, 322.544



77, 29.160, 322.730



62, 15.344, 339.957



34, 6.392, 322.140



33, 78.474, 324.417



2, 13.250, 320.499

Inverse Universe

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



61, 12.093, 12.672



76, 18.109, 13.097



67, 15.143, 157.265



34, 3.844, 11.842



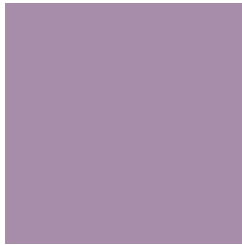
31, 66.319, 35.089



2, 7.869, 12.653

Previews

White Background



This preview shows how the CIELCh color 62, 19.681, 322.544 looks on a white background.

Color Contrast Check

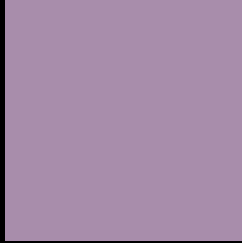
Large Text (above 18pt) WCAG AA × Fail

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, 19.681, 322.544 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

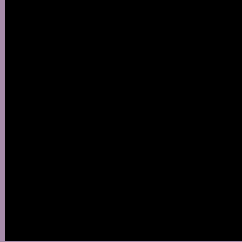
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 19.681, 322.544

Background



This preview shows how black text looks on a background with the CIELCh color 62, 19.681, 322.544.



This preview shows how white text looks on a background with the CIELCh color 62, 19.681, 322.544.

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, 19.681, 322.544

Protanopia

62, 15.187, 286.459

Deuteranopia

62, 13.943, 305.333



Tritanopia
62, 10.538, 344.725

Trichromacy



Original Color
62, 19.681, 322.544

Protanomaly
62, 15.992, 300.988

Deuteranomaly
62, 15.841, 313.624

Tritanomaly
62, 13.671, 333.247

Monochromacy



Original Color
62, 19.681, 322.544

Achromatopsia
63, 0.008, 296.813

Achromatomaly
63, 7.277, 322.271

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 19.681, 322.544 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(168, 141, 171)` looks like.

```
.text, #text, p{  
    color:rgb(168, 141, 171)  
}
```

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(168, 141, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 141, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 19.681, 322.544 is called "border". The border property can be set on classes, ids or directly on the HTML element.

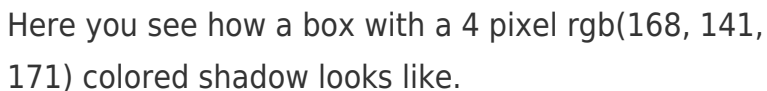
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(168, 141, 171) }
```

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

```
.border{ border-color:rgb(168, 141, 171) }
```

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



Here you see how a box with a 4 pixel `rgb(168, 141, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 141, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 141, 171);  
box-shadow:4px 4px 4px 4px rgb(168, 141,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 19.681, 322.544 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 141, 171) }
```

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

```
.background{ background-color: rgb(168,  
141, 171) }
```

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