

Converting Colors

CIELCh(62, 19.214, 342.533)

Have a look what the booklet for
CIELCh(62, 19.214, 342.533)
contains.

CIELCh(62, 19.059, 343.465)	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, 19.059, 343.465)

Conversions

Conversions Part 1

Format	Color
Hex	B28BA0
RGB	178, 139, 160
RGB Percent	70%, 55%, 63%
CMY	0.3026, 0.4555, 0.3731
CMYK	0.00, 0.22, 0.10, 0.30
HSL	328°, 20%, 62%
HSV	328°, 22%, 70%
XYZ	33.8684, 30.4025, 37.2725
YIQ	153.0550, 16.5030, 14.7990

Conversions

Conversions Part 2

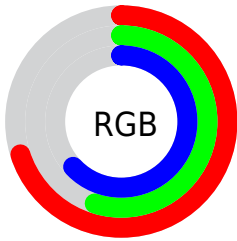
Format	Color
RYB	178, 139, 160
Decimal	11701152
CIELab	62.00, 18.27, -5.42
CIELCh	62, 19.059, 343.465
Yxy	30.4025, 0.3335, 0.2994
Android (android.graphics.Color)	4289891232 (0xFFB28BA0)
YUV	153.0550, 3.4239, 21.8768
Hunter-Lab	55.1385, 13.1500, -1.4818

Details

The CIELCh color $62, 19.059, 343.465$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $69, 18.636, 159.779$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 18.955, 343.185$, and $42, 19.030, 343.142$ is the 20% darker color. If you saturate the color by 10%, you get $57, 27.856, 344.465$, and if you desaturate by 10%, it is $67, 10.275, 342.560$.

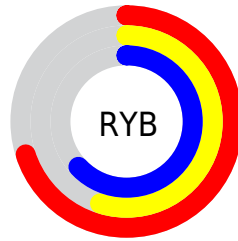
Distribution



Red (70%)

Green (55%)

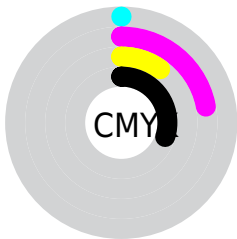
Blue (63%)



Red (70%)

Yellow (55%)

Blue (63%)

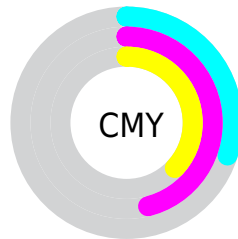


Cyan (0%)

Magenta (22%)

Yellow (10%)

Black (30%)



Cyan (30%)


Magenta (46%)


Yellow (37%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 19.059, 343.465 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, 19.059, 343.465 by changing the saturation by 10% instead.


 62, 19.059,
343.465


 62, 19.059,
343.465


 100, 19.059,
343.465


 52, 19.059,
343.465


 82, 19.059,
343.465

 42, 19.059,
343.465

 92, 19.059,
343.465

 32, 19.059,
343.465

 22, 19.059,
343.465

 12, 19.059,
343.465

 2, 19.059, 343.465

 0, 19.059, 343.465

62, 19.059,
343.465

62, 19.059,
343.465

57, 27.856,
344.465

67, 10.275,
342.560

53, 36.468,
345.591

72, 1.642, 341.567

77, 6.767, 161.098

49, 44.596,
346.889

81, 14.914,
160.385

46, 51.854,
348.426

87, 22.786,
159.744

43, 57.801,
350.292

92, 30.385,
159.153

41, 62.037,
352.611


94, 32.980,
161.407

39, 64.356,
355.527

94, 30.360,
167.522

38, 65.239,

358.280

 95, 28.094,
174.665

Harmonies

Complementary

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



62, 19.059, 343.465



69, 18.636, 159.779

Rectangle

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



62, 19.059, 343.465



62, 19.059, 33.465



62, 19.059, 163.465



62, 19.059, 213.465

Sweetspot

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



62, 19.057, 343.467



88, 7.451, 342.138



61, 23.006, 308.389



47, 4.884, 342.191



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



62, 19.057, 343.467



77, 28.126, 343.905



61, 15.798, 17.082



35, 4.882, 342.333



33, 58.479, 357.784



2, 10.851, 347.713

Inverse Universe

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



62, 19.057, 343.467



77, 28.126, 343.905



70, 13.876, 193.853



35, 4.882, 342.333



33, 58.479, 357.784



2, 10.851, 347.713

Previews

White Background



This preview shows how the CIELCh color 62, 19.059, 343.465 looks on a white background.

Color Contrast Check

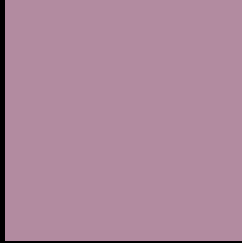
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 62, 19.059, 343.465 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

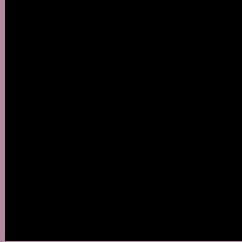
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 19.059, 343.465

Background



This preview shows how black text looks on a background with the CIELCh color 62, 19.059, 343.465.



This preview shows how white text looks on a background with the CIELCh color 62, 19.059, 343.465.

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, 19.059, 343.465

Protanopia

62, 9.545, 289.020

Deuteranopia

62, 9.313, 328.818



Tritanopia
62, 15.800, 358.250

Trichromacy



Original Color
62, 19.059, 343.465

Protanomaly
62, 11.959, 317.357

Deuteranomaly
62, 12.888, 336.654

Tritanomaly
62, 16.431, 352.782

Monochromacy



Original Color
62, 19.059, 343.465

Achromatopsia
63, 0.008, 296.813

Achromatomaly
63, 6.700, 344.304

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 19.059, 343.465 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(178, 139, 160)` looks like.

```
.text, #text, p{  
    color:rgb(178, 139, 160)  
}
```

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(178, 139, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 139, 160) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 19.059, 343.465 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(178, 139, 160) }
```

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

```
.border{ border-color:rgb(178, 139, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 139, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 139, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 139, 160);  
box-shadow:4px 4px 4px 4px rgb(178, 139,  
160) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 19.059, 343.465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 139, 160) }
```

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

```
.background{ background-color: rgb(178,  
139, 160) }
```

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