

Converting Colors

CIELCh(63, 21.760, 349.654)

Have a look what the booklet for
CIELCh(63, 21.760, 349.654)
contains.

CIELCh(63, 21.911, 349.618)	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(63, 21.911, 349.618)

Conversions

Conversions Part 1

Format	Color
Hex	BB8BA0
RGB	187, 139, 160
RGB Percent	73%, 55%, 63%
CMY	0.2665, 0.4547, 0.3724
CMYK	0.00, 0.26, 0.14, 0.27
HSL	334°, 26%, 64%
HSV	334°, 26%, 73%
XYZ	36.0914, 31.5869, 37.4714
YIQ	155.7460, 21.8670, 16.7070

Conversions

Conversions Part 2

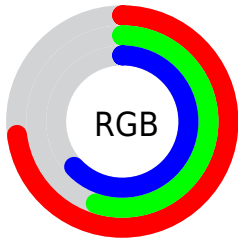
Format	Color
RYB	187, 139, 160
Decimal	12290976
CIELab	63.00, 21.55, -3.95
CIELCh	63, 21.911, 349.618
Yxy	31.5869, 0.3432, 0.3004
Android (android.graphics.Color)	4290481056 (0xFFBB8BA0)
YUV	155.7460, 2.0972, 27.4098
Hunter-Lab	56.2022, 16.2736, -0.1886

Details

The CIELCh color $63, 21.911, 349.618$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $72, 20.997, 164.784$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 21.976, 349.503$, and $43, 22.321, 348.699$ is the 20% darker color. If you saturate the color by 10%, you get $58, 30.611, 350.835$, and if you desaturate by 10%, it is $68, 13.230, 348.554$.

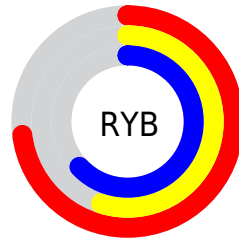
Distribution



Red (73%)

Green (55%)

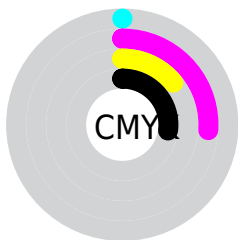
Blue (63%)



Red (73%)

Yellow (55%)

Blue (63%)

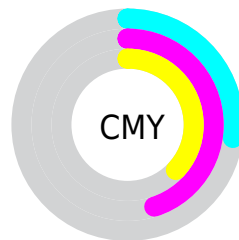


Cyan (0%)

Magenta (26%)

Yellow (14%)

Black (27%)



Cyan (27%)


Magenta (45%)


Yellow (37%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 21.911, 349.618 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 63, 21.911, 349.618 by changing the saturation by 10% instead.


 63, 21.911,
349.618


 63, 21.911,
349.618


 100, 21.911,
349.618


 53, 21.911,
349.618


 83, 21.911,
349.618

 43, 21.911,
349.618

 93, 21.911,
349.618

 33, 21.911,
349.618

 23, 21.911,
349.618

 13, 21.911,
349.618

 3, 21.911, 349.618

 0, 21.911, 349.618

63, 21.911,
349.618

63, 21.911,
349.618

58, 30.611,
350.835

68, 13.230,
348.554

54, 39.109,
352.255

73, 4.718, 347.566

78, 3.545, 166.930

50, 47.081,
353.956

83, 11.520,
166.092

46, 54.119,
356.043

89, 19.194,
165.386

44, 59.793,
358.658

94, 26.573,
164.745

42, 63.788, 1.972

95, 25.563,
172.411

40, 66.091, 6.134

40, 66.906, 8.076

95, 23.240,
184.114

■ 96, 21.981,
197.714

Harmonies

Complementary

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



63, 21.911, 349.618



72, 20.997, 164.784

Rectangle

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



63, 21.911, 349.618



63, 21.911, 39.618



63, 21.911, 169.618



63, 21.911, 219.618

Sweetspot

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



63, 21.909, 349.620



91, 8.254, 347.812



62, 28.685, 311.950



48, 5.926, 347.960



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



63, 21.909, 349.620



77, 32.783, 350.308



63, 18.723, 25.278



37, 4.781, 347.933



33, 59.067, 7.386



3, 13.511, 355.234

Inverse Universe

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



63, 21.909, 349.620



77, 32.783, 350.308



72, 15.715, 203.007



37, 4.781, 347.933



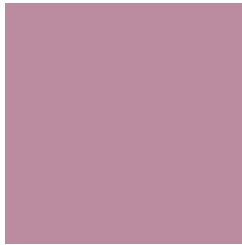
33, 59.067, 7.386



3, 13.511, 355.234

Previews

White Background



This preview shows how the CIELCh color 63, 21.911, 349.618 looks on a white background.

Color Contrast Check

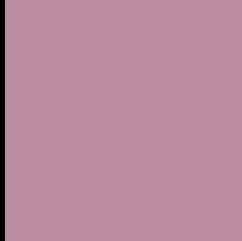
Large Text (above 18pt) WCAG AA × Fail

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 63, 21.911, 349.618 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

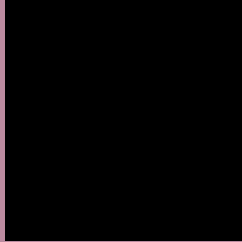
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 21.911, 349.618

Background



This preview shows how black text looks on a background with the CIELCh color 63, 21.911, 349.618.




This preview shows how white text looks on a background with the CIELCh color 63, 21.911, 349.618.

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





Tritanopia
63, 18.650, 4.102

Trichromacy



Original Color
63, 21.911, 349.618

Protanomaly
63, 12.000, 323.477

Deuteranomaly
63, 13.352, 345.002

Tritanomaly
63, 19.650, 358.237

Monochromacy



Original Color
63, 21.911, 349.618

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 7.660, 349.551

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 21.911, 349.618 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(187, 139, 160)` looks like.

```
.text, #text, p{  
    color:rgb(187, 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(187, 139, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 139, 160) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 21.911, 349.618 is called "border". The border property can be set on classes, ids or directly on the HTML element.

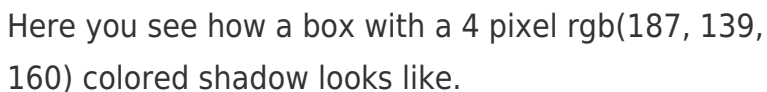
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(187, 139, 160) }
```

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

```
.border{ border-color:rgb(187, 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(187, 139, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 139, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 139, 160);  
box-shadow:4px 4px 4px 4px rgb(187, 139,  
160) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 21.911, 349.618 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 139, 160) }
```

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

```
.background{ background-color: rgb(187,  
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](#).

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