

Converting Colors

CIELCh(62, 18.131, 345.514)

Have a look what the booklet for
CIELCh(62, 18.131, 345.514)
contains.

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Color

CIELCh(62, 18.131, 345.514)

Conversions

Conversions Part 1

Format	Color
Hex	B18B9E
RGB	177, 139, 158
RGB Percent	69%, 55%, 62%
CMY	0.3048, 0.4538, 0.3793
CMYK	0.00, 0.21, 0.11, 0.30
HSL	330°, 20%, 62%
HSV	330°, 21%, 70%
XYZ	33.6636, 30.4025, 36.5666
YIQ	152.5280, 16.5490, 13.9650

Conversions

Conversions Part 2

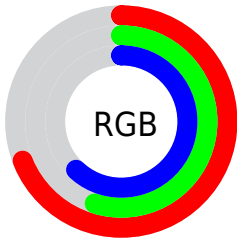
Format	Color
RYB	177, 139, 158
Decimal	11635614
CIELab	62.00, 17.55, -4.54
CIELCh	62, 18.131, 345.514
Yxy	30.4025, 0.3345, 0.3021
Android (android.graphics.Color)	4289825694 (0xFFB18B9E)
YUV	152.5280, 2.6977, 21.4619
Hunter-Lab	55.1385, 12.4868, -0.7228

Details

The CIELCh color $62, 18.131, 345.514$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $69, 17.655, 161.795$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 18.065, 345.127$, and $42, 18.048, 345.317$ is the 20% darker color. If you saturate the color by 10%, you get $57, 26.728, 346.565$, and if you desaturate by 10%, it is $67, 9.577, 344.570$.

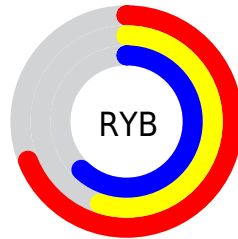
Distribution



Red (69%)

Green (55%)

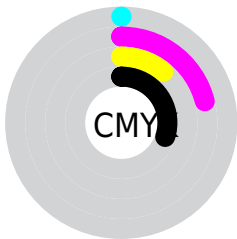
Blue (62%)



Red (69%)

Yellow (55%)

Blue (62%)

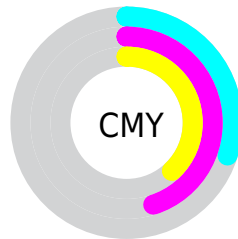


Cyan (0%)

Magenta (21%)

Yellow (11%)

Black (30%)



Cyan (30%)


Magenta (45%)


Yellow (38%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 18.131, 345.514 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, 18.131, 345.514 by changing the saturation by 10% instead.


 62, 18.131,
345.514


 62, 18.131,
345.514


 100, 18.131,
345.514


 52, 18.131,
345.514


 82, 18.131,
345.514

 42, 18.131,
345.514


 92, 18.131,
345.514

 32, 18.131,
345.514

 22, 18.131,
345.514

 12, 18.131,
345.514

 2, 18.131, 345.514

 0, 18.131, 345.514

62, 18.131,
345.514

62, 18.131,
345.514

57, 26.728,
346.565

67, 9.577, 344.570

53, 35.183,
347.760

72, 1.195, 343.460

77, 6.952, 163.062

49, 43.212,
349.152

82, 14.829,
162.334

46, 50.441,
350.815

87, 22.429,
161.681

43, 56.442,
352.853

92, 29.756,
161.080

40, 60.821,
355.403

94, 32.123,
163.706

39, 63.377,
358.624

95, 29.444,
170.730

38, 64.533, 1.866

■ 95, 27.229,
178.978

Harmonies

Complementary

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



62, 18.131, 345.514



69, 17.655, 161.795

Rectangle

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



62, 18.131, 345.514



62, 18.131, 35.514



62, 18.131, 165.514



62, 18.131, 215.514

Sweetspot

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



62, 18.129, 345.516



87, 6.157, 344.078



61, 22.618, 310.062



46, 4.083, 344.138



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



62, 18.129, 345.516



76, 27.211, 346.025



61, 15.432, 20.945



35, 4.756, 344.377



32, 57.949, 1.323



2, 10.604, 349.867

Inverse Universe

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



62, 18.129, 345.516



76, 27.211, 346.025



70, 13.419, 198.338



35, 4.756, 344.377



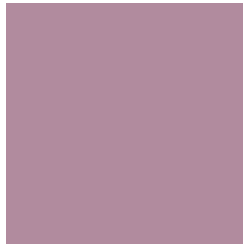
32, 57.949, 1.323



2, 10.604, 349.867

Previews

White Background



This preview shows how the CIELCh color 62, 18.131, 345.514 looks on a white background.

Color Contrast Check

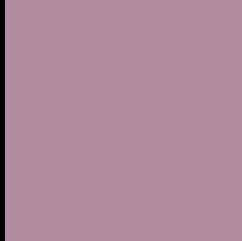
Large Text (above 18pt) WCAG AA × Fail

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, 18.131, 345.514 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

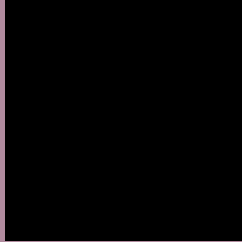
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 18.131, 345.514

Background



This preview shows how black text looks on a background with the CIELCh color 62, 18.131, 345.514.



This preview shows how white text looks on a background with the CIELCh color 62, 18.131, 345.514.

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, 18.131, 345.514

Protanopia
62, 8.422, 291.105

Deuteranopia
62, 8.473, 333.542



Tritanopia
62, 15.432, 357.619

Trichromacy



Original Color
62, 18.131, 345.514

Protanomaly
62, 10.972, 319.956

Deuteranomaly
62, 11.503, 341.348

Tritanomaly
62, 16.085, 352.055

Monochromacy



Original Color
62, 18.131, 345.514

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, 18.131, 345.514 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(177, 139, 158)` looks like.

```
.text, #text, p{  
    color:rgb(177, 139, 158)  
}
```

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(177, 139, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 139, 158) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 18.131, 345.514 is called "border". The border property can be set on classes, ids or directly on the HTML element.

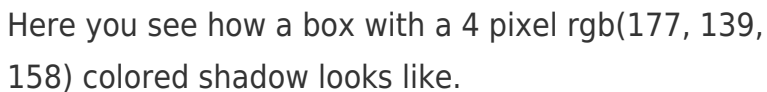
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(177, 139, 158) }
```

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

```
.border{ border-color:rgb(177, 139, 158) }
```

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



Here you see how a box with a 4 pixel `rgb(177, 139, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(177, 139, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(177, 139, 158); box-shadow:4px 4px 4px 4px rgb(177, 139, 158) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 18.131, 345.514 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 139, 158) }
```

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

```
.background{ background-color: rgb(177,  
139, 158) }
```

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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