

# Converting Colors

CIELCh(62, 23.949, 351.319)

Have a look what the booklet for  
CIELCh(62, 23.949, 351.319)  
contains.

<b>CIELCh(62, 23.923, 351.302)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	21
<b><i>Color Blindness Simulation</i></b> .....	24
<b><i>CSS Examples</i></b> .....	27

# Color

**CIELCh(62, 23.923, 351.302)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BC879D
RGB	188, 135, 157
RGB Percent	74%, 53%, 62%
CMY	0.2632, 0.4710, 0.3848
CMYK	0.00, 0.28, 0.16, 0.26
HSL	335°, 28%, 63%
HSV	335°, 28%, 74%
XYZ	35.4332, 30.4025, 35.8473
YIQ	153.3550, 24.5260, 18.0780

# Conversions

## Conversions Part 2

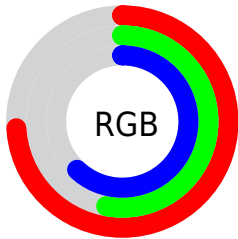
Format	Color
R <sub>Y</sub> B	188, 135, 157
Decimal	12355485
CIE Lab	62.00, 23.65, -3.62
CIE LCh	62, 23.923, 351.302
Yxy	30.4025, 0.3485, 0.2990
Android (android.graphics.Color)	4290545565 (0xFFBC879D)
YUV	153.3550, 1.7970, 30.3837
Hunter-Lab	55.1385, 18.2156, 0.0506

# Details

The CIELCh color  $62, 23.923, 351.302$  is a light color, and the websafe version is hex `CC9999`. A complement of this color would be  $72, 22.716, 165.813$ , and the grayscale version is  $63, 0.008, 296.813$ .

A 20% lighter version of the original color is  $82, 23.882, 350.998$ , and  $42, 23.798, 351.384$  is the 20% darker color. If you saturate the color by 10%, you get  $57, 32.558, 352.605$ , and if you desaturate by 10%, it is  $67, 15.278, 350.176$ .

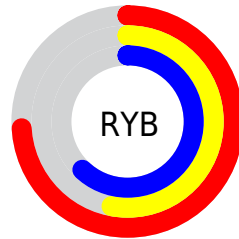
# Distribution



Red (74%)

Green (53%)

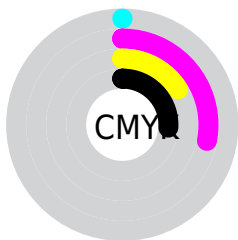
Blue (62%)



Red (74%)

Yellow (53%)

Blue (62%)

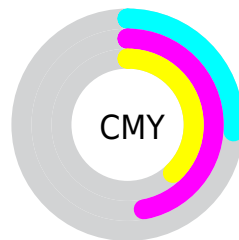


Cyan (0%)

Magenta (28%)

Yellow (16%)

Black (26%)



Cyan (26%)

Magenta (47%)


Yellow (38%)


# Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 23.923, 351.302 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, 23.923, 351.302 by changing the saturation by 10% instead.





 62, 23.923,  
351.302


 62, 23.923,  
351.302


 100, 23.923,  
351.302


 52, 23.923,  
351.302


 82, 23.923,  
351.302

 42, 23.923,  
351.302

 92, 23.923,  
351.302

 32, 23.923,  
351.302

 22, 23.923,  
351.302

 12, 23.923,  
351.302

 2, 23.923, 351.302

 0, 23.923, 351.302

62, 23.923,  
351.302

62, 23.923,  
351.302

57, 32.558,  
352.605

67, 15.278,  
350.176

53, 40.944,  
354.142

72, 6.789, 349.161

77, 1.455, 168.634

49, 48.739,  
356.004

82, 9.408, 167.605

46, 55.525,  
358.313

88, 17.056,  
166.870

43, 60.896, 1.225

93, 24.401,  
166.208

41, 64.604, 4.915

95, 25.301,  
172.297

40, 66.865, 9.439

40, 67.263, 10.272

95, 22.897,  
184.698

■ 96, 21.722,  
198.079

# Harmonies

# Complementary

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



62, 23.923, 351.302



72, 22.716, 165.813

# Rectangle

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



62, 23.923, 351.302



62, 23.923, 41.302



62, 23.923, 171.302



62, 23.923, 221.302

# Sweetspot

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



62, 23.921, 351.304



91, 8.208, 349.154



61, 31.918, 313.169



48, 5.844, 349.304



98, 0.011, 296.813



51, 0.007, 296.813





# Same Dimension

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



62, 23.921, 351.304



75, 35.891, 352.107



62, 20.263, 28.265



37, 4.715, 349.276



33, 59.151, 9.536



3, 13.376, 356.500



# Inverse Universe

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



62, 23.921, 351.304



75, 35.891, 352.107



71, 16.645, 206.525



37, 4.715, 349.276



33, 59.151, 9.536

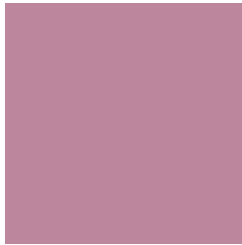


3, 13.376, 356.500



# Previews

## White Background



This preview shows how the CIELCh color 62, 23.923, 351.302 looks on a white background.

## Color Contrast Check

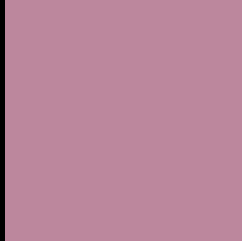
Large Text (above 18pt) WCAG AA × Fail

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, 23.923, 351.302 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

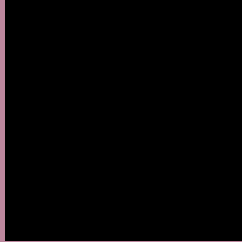
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# CIELCh 62, 23.923, 351.302

## Background



This preview shows how black text looks on a background with the CIELCh color 62, 23.923, 351.302.



This preview shows how white text looks on a background with the CIELCh color 62, 23.923, 351.302.

# 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, 23.923, 351.302

**Protanopia**  
62, 9.545, 289.020

**Deuteranopia**  
62, 8.002, 341.152





**Tritanopia**  
62, 20.696, 6.102

# Trichromacy



**Original Color**  
62, 23.923, 351.302

**Protanomaly**  
62, 12.918, 325.051

**Deuteranomaly**  
62, 13.716, 346.037

**Tritanomaly**  
62, 21.761, 359.288

# Monochromacy



**Original Color**  
62, 23.923, 351.302

**Achromatopsia**  
63, 0.008, 296.813

**Achromatomaly**  
63, 8.983, 350.463

# CSS Examples

## Text

The CSS property to change the color of the text to CIELCh 62, 23.923, 351.302 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(188, 135, 157)` looks like.

```
.text, #text, p{  
    color:rgb(188, 135, 157)  
}
```

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(188, 135, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 135, 157) }
```

## Border

The CSS property to change the border of an element to CIELCh 62, 23.923, 351.302 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(188, 135, 157) }
```

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

```
.border{ border-color:rgb(188, 135, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 135, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 135, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 135, 157);  
box-shadow:4px 4px 4px 4px rgb(188, 135,  
157) }
```

# Background

The CSS property to change the background color of an element to CIELCh 62, 23.923, 351.302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 135, 157) }
```

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

```
.background{ background-color: rgb(188,  
135, 157) }
```

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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