

Converting Colors

CIELCh(62, 10.192, 5.145)

Have a look what the booklet for
CIELCh(62, 10.192, 5.145) contains.

CIELCh(62, 10.243, 4.628)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(62, 10.243, 4.628)

Conversions

Conversions Part 1

Format	Color
Hex	A99095
RGB	169, 144, 149
RGB Percent	66%, 56%, 58%
CMY	0.3386, 0.4366, 0.4170
CMYK	0.00, 0.15, 0.12, 0.34
HSL	348°, 13%, 61%
HSV	348°, 15%, 66%
XYZ	31.6100, 30.4025, 32.4966
YIQ	152.0450, 13.2950, 6.8550

Conversions

Conversions Part 2

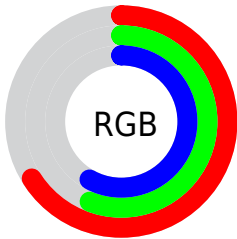
Format	Color
R _Y B	169, 144, 149
Decimal	11112597
CIE Lab	62.00, 10.21, 0.83
CIE LCh	62, 10.243, 4.628
Yxy	30.4025, 0.3345, 0.3217
Android (android.graphics.Color)	4289302677 (0xFFA99095)
YUV	152.0450, -1.5012, 14.8695
Hunter-Lab	55.1385, 5.8387, 3.6536

Details

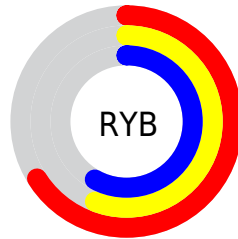
The CIELCh color **62, 10.243, 4.628** is a light color, and the websafe version is hex **999999**. A complement of this color would be **67, 9.665, 181.991**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 10.006, 4.888**, and **42, 10.111, 7.089** is the 20% darker color. If you saturate the color by 10%, you get **57, 17.574, 5.827**, and if you desaturate by 10%, it is **67, 3.244, 3.547**.

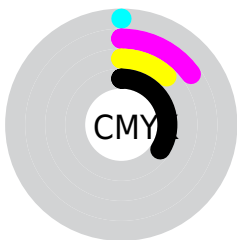
Distribution



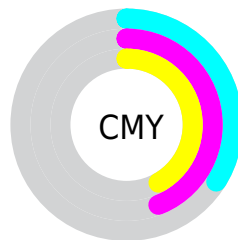
- Red (66%)
- Green (56%)
- Blue (58%)



- Red (66%)
- Yellow (56%)
- Blue (58%)



- Cyan (0%)
- Magenta (15%)
- Yellow (12%)
- Black (34%)



- Cyan (34%)
- Magenta (44%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 10.243, 4.628 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, 10.243, 4.628 by changing the saturation by 10% instead.

■ 62, 10.243, 4.628

■ 62, 10.243, 4.628

■ 100, 10.243, 4.628

■ 52, 10.243, 4.628

■ 82, 10.243, 4.628

■ 42, 10.243, 4.628

■ 92, 10.243, 4.628

■ 32, 10.243, 4.628

■ 22, 10.243, 4.628

■ 12, 10.243, 4.628

■ 2, 10.243, 4.628

■ 0, 10.243, 4.628

■ 62, 10.243, 4.628

■ 62, 10.243, 4.628

■ 57, 17.574, 5.827

■ 67, 3.244, 3.547

53, 25.172, 7.247

72, 3.393, 182.964

49, 32.908, 8.982

77, 9.672, 182.132

45, 40.576, 11.142

81, 15.611,
181.456

41, 47.903, 13.862

86, 21.235,
180.861

39, 54.599, 17.290

37, 60.452, 21.530

91, 26.574,
180.329

35, 65.435, 26.516

94, 28.602,
185.211

35, 67.951, 29.053

95, 27.115,
197.746

Harmonies

Complementary

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



62, 10.243, 4.628



67, 9.665, 181.991

Rectangle

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



62, 10.243, 4.628



62, 10.243, 54.628



62, 10.243, 184.628



62, 10.243, 234.628

Sweetspot

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



62, 10.241, 4.635



85, 3.331, 3.454



62, 15.956, 319.446



45, 2.368, 3.545



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



62, 10.241, 4.635



77, 15.543, 5.033



64, 8.142, 50.576



33, 3.850, 4.039



30, 61.364, 28.402



1, 6.796, 5.401

Inverse Universe

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



62, 10.241, 4.635



77, 15.543, 5.033



65, 7.507, 232.785



33, 3.850, 4.039



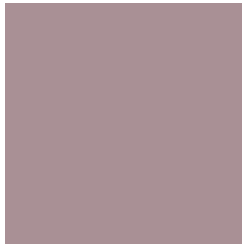
30, 61.364, 28.402



1, 6.796, 5.401

Previews

White Background



This preview shows how the CIELCh color 62, 10.243, 4.628 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, 10.243, 4.628 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

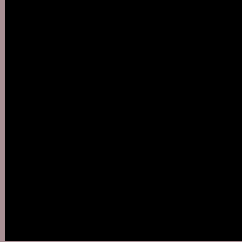
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 10.243, 4.628

Background



This preview shows how black text looks on a background with the CIELCh color 62, 10.243, 4.628.



This preview shows how white text looks on a background with the CIELCh color 62, 10.243, 4.628.

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, 10.243, 4.628

Protanopia

62, 2.058, 324.445

Deuteranopia

62, 8.056, 8.174



Tritanopia
62, 11.856, 349.381

Trichromacy



Original Color
62, 10.243, 4.628

Protanomaly
62, 4.840, 352.249

Deuteranomaly
62, 8.448, 8.787

Tritanomaly
62, 11.354, 354.279

Monochromacy



Original Color
62, 10.243, 4.628

Achromatopsia
63, 0.008, 296.813

Achromatomaly
63, 3.679, 1.970

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 10.243, 4.628 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(169, 144, 149)` looks like.

```
.text, #text, p{  
    color:rgb(169, 144, 149)  
}
```

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(169, 144, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 144, 149) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 10.243, 4.628 is called "border". The border property can be set on classes, ids or directly on the HTML element.

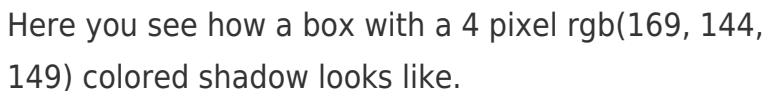
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(169, 144, 149) }
```

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

```
.border{ border-color:rgb(169, 144, 149) }
```

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



Here you see how a box with a 4 pixel `rgb(169, 144, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(169, 144, 149); -webkit-box-shadow:4px 4px 4px 4px rgb(169, 144, 149); box-shadow:4px 4px 4px 4px rgb(169, 144, 149) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 10.243, 4.628 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 144, 149) }
```

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

```
.background{ background-color: rgb(169,  
144, 149) }
```

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