

Converting Colors

CIELCh(62, 11.320, 0.369)

Have a look what the booklet for
CIELCh(62, 11.320, 0.369) contains.

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Color

CIELCh(62, 11.320, 0.369)

Conversions

Conversions Part 1

Format	Color
Hex	AA8F96
RGB	170, 143, 150
RGB Percent	67%, 56%, 59%
CMY	0.3332, 0.4391, 0.4117
CMYK	0.00, 0.16, 0.12, 0.33
HSL	344°, 14%, 61%
HSV	344°, 16%, 67%
XYZ	31.9148, 30.4025, 33.0494
YIQ	151.8710, 13.8450, 7.9010

Conversions

Conversions Part 2

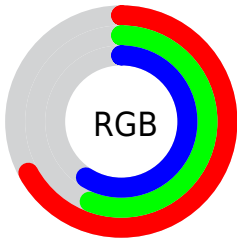
Format	Color
RYB	170, 143, 150
Decimal	11177878
CIELab	62.00, 11.32, 0.07
CIELCh	62, 11.320, 0.369
Yxy	30.4025, 0.3347, 0.3188
Android (android.graphics.Color)	4289367958 (0xFFAA8F96)
YUV	151.8710, -0.9224, 15.8991
Hunter-Lab	55.1385, 6.8257, 3.0592

Details

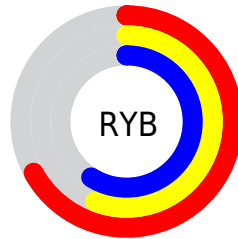
The CIELCh color **62, 11.320, 0.369** is a light color, and the websafe version is hex **999999**. A complement of this color would be **67, 10.748, 177.432**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 11.021, 0.686**, and **42, 11.230, 2.309** is the 20% darker color. If you saturate the color by 10%, you get **57, 18.817, 1.585**, and if you desaturate by 10%, it is **67, 4.099, 359.285**.

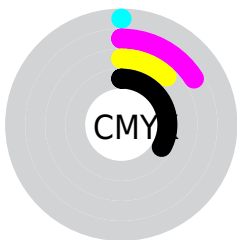
Distribution



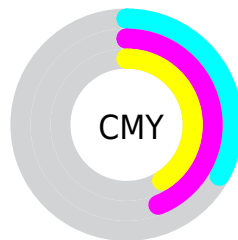
- Red (67%)
- Green (56%)
- Blue (59%)



- Red (67%)
- Yellow (56%)
- Blue (59%)



- Cyan (0%)
- Magenta (16%)
- Yellow (12%)
- Black (33%)



- Cyan (33%)
- Magenta (44%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 11.320, 0.369 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, 11.320, 0.369 by changing the saturation by 10% instead.

 62, 11.320, 0.369  62, 11.320, 0.369

 100, 11.320, 0.369  52, 11.320, 0.369

 82, 11.320, 0.369  42, 11.320, 0.369

 92, 11.320, 0.369  32, 11.320, 0.369

 22, 11.320, 0.369

 12, 11.320, 0.369

 2, 11.320, 0.369

 0, 11.320, 0.369

 62, 11.320, 0.369  62, 11.320, 0.369

 57, 18.817, 1.585  67, 4.099, 359.285

53, 26.505, 3.013

72, 2.798, 178.658

49, 34.225, 4.742

77, 9.363, 177.765

45, 41.741, 6.878

81, 15.604,
177.049

42, 48.746, 9.561

86, 21.541,
176.413

39, 54.928, 12.947

37, 60.076, 17.175

91, 27.198,
175.839

36, 64.248, 22.234

94, 29.190,
180.262

35, 65.960, 24.313

95, 27.130,
193.116

95, 26.747,
197.768

Harmonies

Complementary

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



62, 11.320, 0.369



67, 10.748, 177.432

Rectangle

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



62, 11.320, 0.369



62, 11.320, 50.369



62, 11.320, 180.369



62, 11.320, 230.369

Sweetspot

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



62, 11.318, 0.375



85, 4.321, 359.194



62, 16.932, 317.437



45, 2.976, 359.273



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



62, 11.318, 0.375



77, 16.938, 0.774



63, 9.015, 42.855



33, 3.943, 359.655



30, 59.264, 23.596



1, 6.937, 1.505

Inverse Universe

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



62, 11.318, 0.375



77, 16.938, 0.774



66, 8.177, 224.241



33, 3.943, 359.655



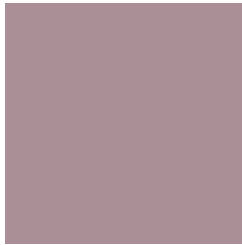
30, 59.264, 23.596



1, 6.937, 1.505

Previews

White Background



This preview shows how the CIELCh color 62, 11.320, 0.369 looks on a white background.

Color Contrast Check

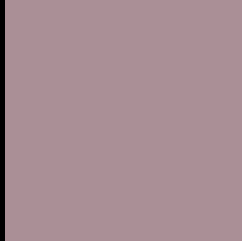
Large Text (above 18pt) WCAG AA × Fail

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, 11.320, 0.369 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

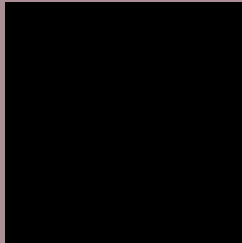
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 11.320, 0.369

Background



This preview shows how black text looks on a background with the CIELCh color 62, 11.320, 0.369.



This preview shows how white text looks on a background with the CIELCh color 62, 11.320, 0.369.

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, 11.320, 0.369

Protanopia

62, 3.050, 312.573

Deuteranopia

62, 7.957, 359.612



Tritanopia
62, 12.814, 349.159

Trichromacy



Original Color
62, 11.320, 0.369

Protanomaly
62, 5.755, 344.203

Deuteranomaly
62, 9.265, 359.108

Tritanomaly
62, 12.550, 351.368

Monochromacy



Original Color
62, 11.320, 0.369

Achromatopsia
63, 0.008, 296.813

Achromatomaly
63, 4.054, 3.708

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 11.320, 0.369 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(170, 143, 150)` looks like.

```
.text, #text, p{  
    color:rgb(170, 143, 150)  
}
```

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(170, 143, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 143, 150) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 11.320, 0.369 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(170, 143, 150) }
```

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

```
.border{ border-color:rgb(170, 143, 150) }
```

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

Here you see how a box with a 4 pixel rgb(170, 143, 150) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 143, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 143, 150);  
box-shadow:4px 4px 4px 4px rgb(170, 143,  
150) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 11.320, 0.369 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 143, 150) }
```

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

```
.background{ background-color: rgb(170,  
143, 150) }
```

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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