

Converting Colors

CIELCh(62, 11.032, 332.021)

Have a look what the booklet for
CIELCh(62, 11.032, 332.021)
contains.

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Color

CIELCh(62, 11.162, 331.595)

Conversions

Conversions Part 1

Format	Color
Hex	A3909F
RGB	163, 144, 159
RGB Percent	64%, 56%, 62%
CMY	0.3593, 0.4338, 0.3750
CMYK	0.00, 0.12, 0.02, 0.36
HSL	313°, 9%, 60%
HSV	313°, 12%, 64%
XYZ	31.5029, 30.4025, 37.1811
YIQ	151.3910, 6.5090, 8.6930

Conversions

Conversions Part 2

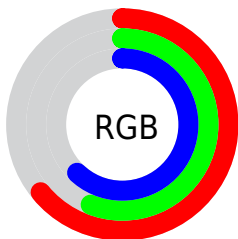
Format	Color
R_{YB}	163, 144, 159
Decimal	10719391
CIE Lab	62.00, 9.82, -5.31
CIE LCh	62, 11.162, 331.595
Yxy	30.4025, 0.3179, 0.3068
Android (android.graphics.Color)	4288909471 (0xFFA3909F)
YUV	151.3910, 3.7512, 10.1811
Hunter-Lab	55.1385, 5.4922, -1.3836

Details

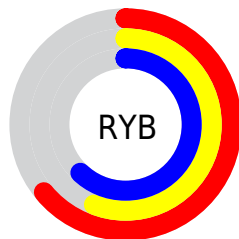
The CIELCh color **62, 11.162, 331.595** is a light color, and the websafe version is hex **999999**. A complement of this color would be **65, 11.122, 150.166**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 11.198, 331.069**, and **42, 10.986, 330.592** is the 20% darker color. If you saturate the color by 10%, you get **58, 20.842, 332.251**, and if you desaturate by 10%, it is **66, 1.560, 330.830**.

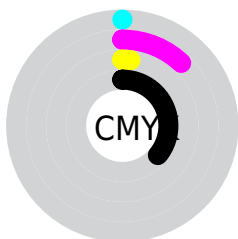
Distribution



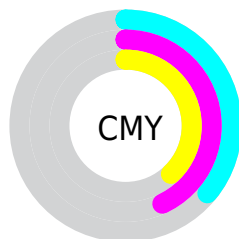
- Red (64%)
- Green (56%)
- Blue (62%)



- Red (64%)
- Yellow (56%)
- Blue (62%)



- Cyan (0%)
- Magenta (12%)
- Yellow (2%)
- Black (36%)





- Cyan (36%)
- Magenta (43%)
- Yellow (38%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 11.162, 331.595 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, 11.162, 331.595 by changing the saturation by 10% instead.


 62, 11.162,
331.595


 62, 11.162,
331.595


 100, 11.162,
331.595


 52, 11.162,
331.595


 82, 11.162,
331.595

 42, 11.162,
331.595

 92, 11.162,
331.595

 32, 11.162,
331.595

 22, 11.162,
331.595

 12, 11.162,
331.595

 2, 11.162, 331.595

 0, 11.162, 331.595

62, 11.162,
331.595

62, 11.162,
331.595

58, 20.842,
332.251

66, 1.560, 330.830

54, 30.453,
332.924

71, 7.863, 150.445

50, 39.769,
333.619

75, 17.051,
149.862

46, 48.482,
334.342

80, 25.977,
149.321

43, 56.209,
335.099

85, 34.632,
148.811

41, 62.523,
335.905

89, 43.019,
148.330


39, 67.040,
336.787


93, 48.991,
148.270

37, 69.534,

93, 47.626,
149.591

337.779

 93, 46.277,
150.983

 37, 70.473,
338.690

Harmonies

Complementary

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



62, 11.162, 331.595



65, 11.122, 150.166

Rectangle

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



62, 11.162, 331.595



62, 11.162, 21.595



62, 11.162, 151.595



62, 11.162, 201.595

Sweetspot

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



62, 11.160, 331.596



83, 3.535, 330.996



61, 10.839, 298.819



44, 2.702, 331.063



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



62, 11.160, 331.596



77, 16.606, 331.767



62, 8.103, 357.010



32, 5.414, 331.441



32, 64.779, 338.564



1, 8.080, 332.717

Inverse Universe

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



62, 11.160, 331.596



77, 16.606, 331.767



66, 7.842, 174.953



32, 5.414, 331.441



32, 64.779, 338.564



1, 8.080, 332.717

Previews

White Background



This preview shows how the CIELCh color 62, 11.162, 331.595 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, 11.162, 331.595 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

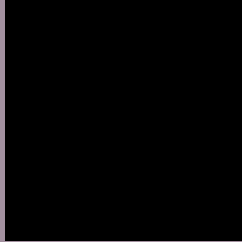
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 11.162, 331.595

Background



This preview shows how black text looks on a background with the CIELCh color 62, 11.162, 331.595.



This preview shows how white text looks on a background with the CIELCh color 62, 11.162, 331.595.

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, 11.162, 331.595

Protanopia
62, 7.300, 290.985

Deuteranopia
62, 9.082, 326.883



Tritanopia
62, 9.313, 338.898

Trichromacy



Original Color
62, 11.162, 331.595

Protanomaly
62, 8.334, 309.436

Deuteranomaly
62, 9.996, 328.590

Tritanomaly
62, 9.686, 336.402

Monochromacy



Original Color
62, 11.162, 331.595

Achromatopsia
63, 0.008, 296.813

Achromatomaly
62, 4.330, 328.814

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 11.162, 331.595 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(163, 144, 159)` looks like.

```
.text, #text, p{  
    color:rgb(163, 144, 159)  
}
```

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(163, 144, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 144, 159) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 11.162, 331.595 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(163, 144, 159) }
```

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

```
.border{ border-color:rgb(163, 144, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 144, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 144, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 144, 159);  
box-shadow:4px 4px 4px 4px rgb(163, 144,  
159) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 11.162, 331.595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 144, 159) }
```

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

```
.background{ background-color: rgb(163,  
144, 159) }
```

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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