

Converting Colors

CIELCh(62, 11.565, 292.904)

Have a look what the booklet for
CIELCh(62, 11.565, 292.904)
contains.

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Color

CIELCh(62, 11.811, 293.239)

Conversions

Conversions Part 1

Format	Color
Hex	9594A9
RGB	149, 148, 169
RGB Percent	58%, 58%, 66%
CMY	0.4160, 0.4199, 0.3375
CMYK	0.12, 0.12, 0.00, 0.34
HSL	243°, 11%, 62%
HSV	243°, 12%, 66%
XYZ	30.1151, 30.4025, 41.7816
YIQ	150.6930, -6.1450, 6.7430

Conversions

Conversions Part 2

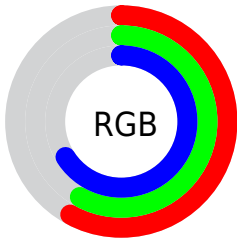
Format	Color
R_{YB}	149, 148, 169
Decimal	9802921
CIE _{Lab}	62.00, 4.66, -10.85
CIE _{LCh}	62, 11.811, 293.239
Yxy	30.4025, 0.2944, 0.2972
Android (android.graphics.Color)	4287993001 (0xFF9594A9)
YUV	150.6930, 9.0254, -1.4848
Hunter-Lab	55.1385, 0.9992, -6.3305

Details

The CIELCh color $62, 11.811, 293.239$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $69, 11.484, 110.960$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 11.685, 292.910$, and $42, 12.125, 293.770$ is the 20% darker color. If you saturate the color by 10%, you get $56, 21.742, 294.371$, and if you desaturate by 10%, it is $68, 2.269, 292.280$.

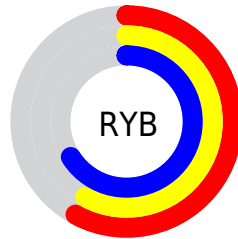
Distribution



Red (58%)

Green (58%)

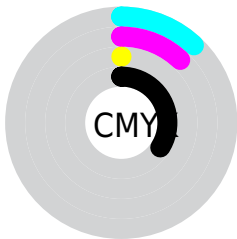
Blue (66%)



Red (58%)

Yellow (58%)

Blue (66%)

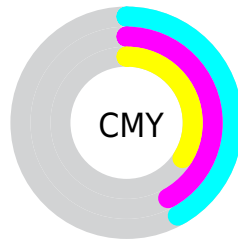


Cyan (12%)

Magenta (12%)

Yellow (0%)

Black (34%)



Cyan (42%)


Magenta (42%)


Yellow (34%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 11.811, 293.239 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, 11.811, 293.239 by changing the saturation by 10% instead.


 62, 11.811,
293.239


 62, 11.811,
293.239


 100, 11.811,
293.239


 52, 11.811,
293.239


 82, 11.811,
293.239

 42, 11.811,
293.239

 92, 11.811,
293.239

 32, 11.811,
293.239

 22, 11.811,
293.239

 12, 11.811,
293.239

 2, 11.811, 293.239

 0, 11.811, 293.239

62, 11.811,
293.239

62, 11.811,
293.239

56, 21.742,
294.371

68, 2.269, 292.280

50, 32.090,
295.698

74, 6.906, 111.428

45, 42.865,
297.231

79, 15.744,
110.723

39, 54.025,
298.966

85, 24.268,
110.118

33, 65.409,
300.858

91, 32.499,
109.597

28, 76.579,
302.784

96, 40.457,
109.147

24, 86.622,
304.519

98, 43.054,
106.889

21, 94.110,

305.763

■ 20, 98.047,
306.443

Harmonies

Complementary

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



62, 11.811, 293.239



69, 11.484, 110.960

Rectangle

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



62, 11.811, 293.239



62, 11.811, 343.239



62, 11.811, 113.239



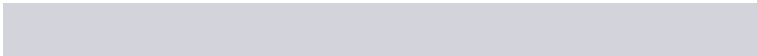
62, 11.811, 163.239

Sweetspot

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



62, 11.810, 293.236



85, 4.630, 292.421



67, 7.427, 201.825



44, 3.289, 292.487



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, 11.810, 293.236



77, 17.723, 293.540



63, 12.536, 310.753



33, 5.329, 292.915



16, 88.884, 306.471



1, 9.566, 291.787

Inverse Universe

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



64, 13.736, 326.406



79, 20.525, 326.566



68, 12.340, 129.700



33, 6.225, 326.226



34, 74.226, 330.180



2, 11.155, 326.270

Previews

White Background



This preview shows how the CIELCh color 62, 11.811, 293.239 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, 11.811, 293.239 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

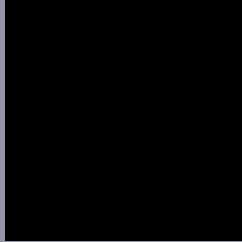
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 11.811, 293.239

Background



This preview shows how black text looks on a background with the CIELCh color 62, 11.811, 293.239.



This preview shows how white text looks on a background with the CIELCh color 62, 11.811, 293.239.

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

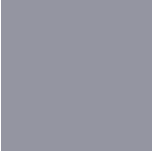
62, 11.811, 293.239

Protanopia

62, 11.237, 287.696

Deuteranopia

62, 13.400, 305.882



Tritanopia
62, 6.744, 287.758

Trichromacy



Original Color
62, 11.811, 293.239

Protanomaly
62, 11.225, 289.546

Deuteranomaly
62, 12.595, 301.588

Tritanomaly
62, 8.424, 288.592

Monochromacy



Original Color
62, 11.811, 293.239

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 4.490, 290.681

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 11.811, 293.239 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(149, 148, 169)` looks like.

```
.text, #text, p{  
    color:rgb(149, 148, 169)  
}
```

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(149, 148, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 148, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 11.811, 293.239 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(149, 148, 169) }
```

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

```
.border{ border-color:rgb(149, 148, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 148, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 148, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 148, 169);  
box-shadow:4px 4px 4px 4px rgb(149, 148,  
169) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 11.811, 293.239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 148, 169) }
```

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

```
.background{ background-color: rgb(149,  
148, 169) }
```

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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