

Converting Colors

CIELCh(62, 13.477, 294.210)

Have a look what the booklet for
CIELCh(62, 13.477, 294.210)
contains.

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Color

CIELCh(62, 12.932, 293.196)

Conversions

Conversions Part 1

Format	Color
Hex	9594AB
RGB	149, 148, 171
RGB Percent	58%, 58%, 67%
CMY	0.4166, 0.4205, 0.3304
CMYK	0.13, 0.13, 0.00, 0.33
HSL	243°, 12%, 62%
HSV	243°, 13%, 67%
XYZ	30.2301, 30.4025, 42.6796
YIQ	150.9210, -6.7870, 7.3650

Conversions

Conversions Part 2

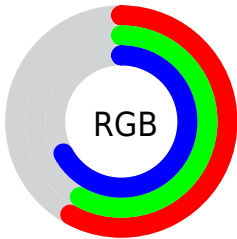
Format	Color
R_{YB}	149, 148, 171
Decimal	9802923
CIE _{Lab}	62.00, 5.09, -11.89
CIE _{LCh}	62, 12.932, 293.196
Yxy	30.4025, 0.2926, 0.2943
Android (android.graphics.Color)	4287993003 (0xFF9594AB)
YUV	150.9210, 9.8989, -1.6847
Hunter-Lab	55.1385, 1.3715, -7.2961

Details

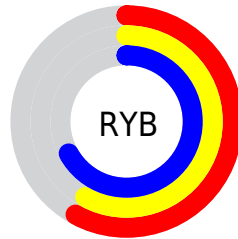
The CIELCh color $62, 12.932, 293.196$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $69, 12.545, 110.696$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 12.744, 292.851$, and $42, 13.332, 293.762$ is the 20% darker color. If you saturate the color by 10%, you get $56, 22.992, 294.358$, and if you desaturate by 10%, it is $68, 3.268, 292.208$.

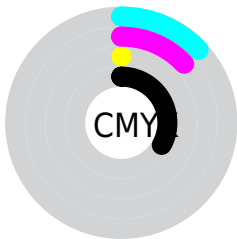
Distribution



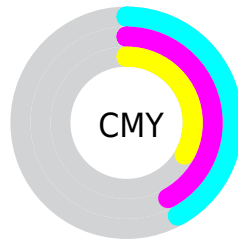
- Red (58%)
- Green (58%)
- Blue (67%)



- Red (58%)
- Yellow (58%)
- Blue (67%)



- Cyan (13%)
- Magenta (13%)
- Yellow (0%)
- Black (33%)





- Cyan (42%)
- Magenta (42%)
- Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 12.932, 293.196 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, 12.932, 293.196 by changing the saturation by 10% instead.


 62, 12.932,
293.196


 62, 12.932,
293.196


 100, 12.932,
293.196


 52, 12.932,
293.196


 82, 12.932,
293.196

 42, 12.932,
293.196

 92, 12.932,
293.196

 32, 12.932,
293.196

 22, 12.932,
293.196

 12, 12.932,
293.196

 2, 12.932, 293.196

 0, 12.932, 293.196

62, 12.932,
293.196

62, 12.932,
293.196

56, 22.992,
294.358

68, 3.268, 292.208

50, 33.478,
295.718

74, 6.024, 111.339

44, 44.393,
297.289

79, 14.972,
110.618

39, 55.691,
299.064

85, 23.601,
109.999

33, 67.187,
300.989

91, 31.932,
109.466

28, 78.396,
302.930

96, 39.986,
109.006

24, 88.328,
304.648

98, 42.167,
106.958

21, 95.502,

305.838

■ 20, 98.854,
306.428

Harmonies

Complementary

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



62, 12.932, 293.196



69, 12.545, 110.696

Rectangle

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



62, 12.932, 293.196



62, 12.932, 343.196



62, 12.932, 113.196



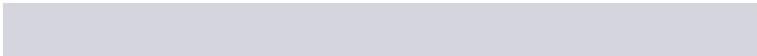
62, 12.932, 163.196

Sweetspot

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



62, 12.931, 293.193



86, 4.673, 292.262



68, 8.093, 201.780



45, 3.351, 292.329



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, 12.931, 293.193



77, 19.120, 293.503



63, 13.719, 310.802



33, 5.328, 292.758



16, 88.907, 306.455



1, 9.565, 291.647

Inverse Universe

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



64, 15.061, 326.347



80, 22.171, 326.506



68, 13.488, 129.652



33, 6.243, 326.108



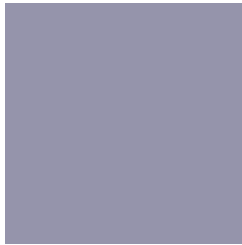
34, 74.464, 330.002



2, 11.199, 326.107

Previews

White Background



This preview shows how the CIELCh color 62, 12.932, 293.196 looks on a white background.

Color Contrast Check

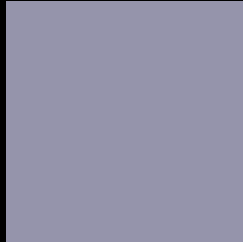
Large Text (above 18pt) WCAG AA × Fail

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, 12.932, 293.196 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

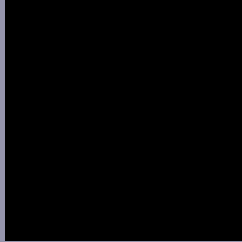
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

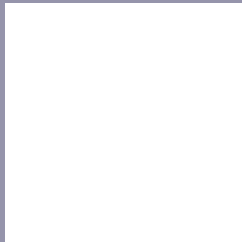
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 12.932, 293.196

Background



This preview shows how black text looks on a background with the CIELCh color 62, 12.932, 293.196.



This preview shows how white text looks on a background with the CIELCh color 62, 12.932, 293.196.

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, 12.932, 293.196

Protanopia

62, 12.374, 286.507

Deuteranopia

62, 14.407, 303.402



Tritanopia
62, 6.768, 284.614

Trichromacy



Original Color
62, 12.932, 293.196

Protanomaly
62, 12.355, 288.171

Deuteranomaly
62, 13.644, 299.316

Tritanomaly
62, 8.984, 288.816

Monochromacy



Original Color
62, 12.932, 293.196

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, 12.932, 293.196 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, 171)` looks like.

```
.text, #text, p{  
    color:rgb(149, 148, 171)  
}
```

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, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 148, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 12.932, 293.196 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, 171) }
```

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

```
.border{ border-color:rgb(149, 148, 171) }
```

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, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 148, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 148, 171);  
box-shadow:4px 4px 4px 4px rgb(149, 148,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 12.932, 293.196 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, 171) }
```

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

```
.background{ background-color: rgb(149,  
148, 171) }
```

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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