

Converting Colors

CIELCh(62, 13.547, 309.660)

Have a look what the booklet for
CIELCh(62, 13.547, 309.660)
contains.

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Color

CIELCh(62, 13.073, 309.646)

Conversions

Conversions Part 1

Format	Color
Hex	9D92A8
RGB	157, 146, 168
RGB Percent	62%, 57%, 66%
CMY	0.3856, 0.4288, 0.3425
CMYK	0.07, 0.13, 0.00, 0.34
HSL	270°, 11%, 61%
HSV	270°, 13%, 66%
XYZ	31.1012, 30.4025, 41.1069
YIQ	151.7970, -0.5060, 9.1740

Conversions

Conversions Part 2

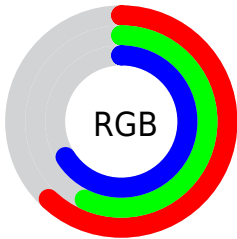
Format	Color
R_{YB}	157, 146, 168
Decimal	10326696
CIE _{Lab}	62.00, 8.34, -10.07
CIE _{LCh}	62, 13.073, 309.646
Yxy	30.4025, 0.3031, 0.2963
Android (android.graphics.Color)	4288516776 (0xFF9D92A8)
YUV	151.7970, 7.9881, 4.5630
Hunter-Lab	55.1385, 4.1918, -5.6050

Details

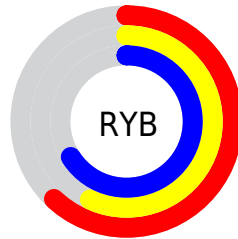
The CIELCh color $62, 13.073, 309.646$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $67, 12.840, 128.498$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 12.975, 310.269$, and $42, 12.774, 309.820$ is the 20% darker color. If you saturate the color by 10%, you get $57, 23.348, 310.141$, and if you desaturate by 10%, it is $67, 3.066, 309.165$.

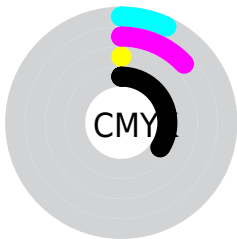
Distribution



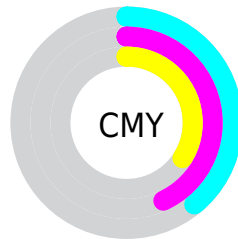
- Red (62%)
- Green (57%)
- Blue (66%)



- Red (62%)
- Yellow (57%)
- Blue (66%)



- Cyan (7%)
- Magenta (13%)
- Yellow (0%)
- Black (34%)



- Cyan (39%)
- Magenta (43%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 13.073, 309.646 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, 13.073, 309.646 by changing the saturation by 10% instead.

■ 62, 13.073,
309.646

■ 62, 13.073,
309.646

■ 100, 13.073,
309.646

■ 52, 13.073,
309.646

■ 82, 13.073,
309.646

■ 42, 13.073,
309.646

■ 92, 13.073,
309.646

■ 32, 13.073,
309.646

■ 22, 13.073,
309.646

■ 12, 13.073,
309.646

■ 2, 13.073, 309.646

■ 0, 13.073, 309.646

62, 13.073,
309.646

62, 13.073,
309.646

57, 23.348,
310.141

67, 3.066, 309.165

52, 33.845,
310.665

72, 6.646, 128.804

47, 44.462,
311.202

77, 16.061,
128.428

42, 55.017,
311.720

83, 25.184,
128.101

38, 65.205,
312.172

88, 34.026,
127.814

34, 74.554,
312.484

93, 42.599,
127.564

30, 82.421,
312.558

96, 46.426,
125.777

27, 88.107,

96, 45.433,
122.114

312.283

97, 44.639,
118.234

26, 91.085,
311.977

Harmonies

Complementary

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



62, 13.073, 309.646



67, 12.840, 128.498

Rectangle

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



62, 13.073, 309.646



62, 13.073, 359.646



62, 13.073, 129.646



62, 13.073, 179.646

Sweetspot

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



62, 13.071, 309.644



84, 4.855, 309.215



64, 7.150, 255.341



44, 3.481, 309.251



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, 13.071, 309.644



76, 19.738, 309.798



63, 14.808, 324.676



33, 5.628, 309.463



22, 82.980, 312.094



1, 10.005, 306.594

Inverse Universe

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



63, 10.512, 344.710



77, 15.858, 345.003



67, 14.785, 143.250



33, 4.530, 344.361



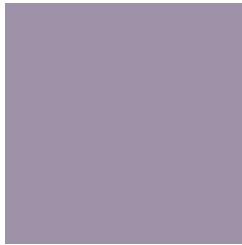
31, 56.546, 1.174



2, 7.800, 347.577

Previews

White Background



This preview shows how the CIELCh color 62, 13.073, 309.646 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, 13.073, 309.646 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

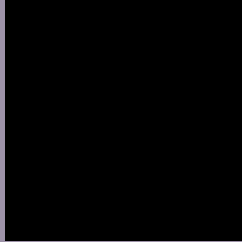
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 13.073, 309.646

Background



This preview shows how black text looks on a background with the CIELCh color 62, 13.073, 309.646.



This preview shows how white text looks on a background with the CIELCh color 62, 13.073, 309.646.

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, 13.073, 309.646

Protanopia

62, 11.796, 287.942

Deuteranopia

62, 12.961, 308.075



Tritanopia
62, 7.429, 314.955

Trichromacy



Original Color
62, 13.073, 309.646

Protanomaly
62, 11.866, 296.773

Deuteranomaly
62, 12.961, 308.075

Tritanomaly
62, 9.123, 312.849

Monochromacy



Original Color
62, 13.073, 309.646

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 4.762, 309.266

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 13.073, 309.646 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(157, 146, 168)` looks like.

```
.text, #text, p{  
    color:rgb(157, 146, 168)  
}
```

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(157, 146, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 146, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 13.073, 309.646 is called "border". The border property can be set on classes, ids or directly on the HTML element.

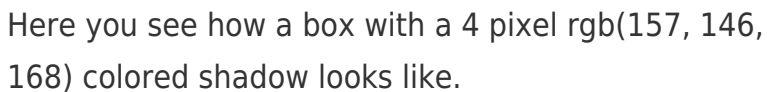
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(157, 146, 168) }
```

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

```
.border{ border-color:rgb(157, 146, 168) }
```

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



Here you see how a box with a 4 pixel `rgb(157, 146, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 146, 168); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 146, 168); box-shadow:4px 4px 4px 4px rgb(157, 146, 168) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 13.073, 309.646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 146, 168) }
```

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

```
.background{ background-color: rgb(157,  
146, 168) }
```

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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