

Converting Colors

CIELCh(62, 10.746, 290.967)

Have a look what the booklet for
CIELCh(62, 10.746, 290.967)
contains.

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Color

CIELCh(62, 10.678, 291.352)

Conversions

Conversions Part 1

Format	Color
Hex	9494A7
RGB	148, 148, 167
RGB Percent	58%, 58%, 65%
CMY	0.4184, 0.4184, 0.3439
CMYK	0.11, 0.11, 0.00, 0.34
HSL	240°, 10%, 62%
HSV	240°, 11%, 66%
XYZ	29.9108, 30.4025, 41.0037
YIQ	150.1660, -6.0990, 5.9090

Conversions

Conversions Part 2

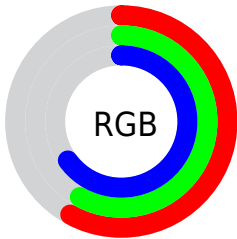
Format	Color
RYB	148, 148, 167
Decimal	9737383
CIELab	62.00, 3.89, -9.95
CIElCh	62, 10.678, 291.352
Yxy	30.4025, 0.2952, 0.3001
Android (android.graphics.Color)	4287927463 (0xFF9494A7)
YUV	150.1660, 8.2992, -1.8996
Hunter-Lab	55.1385, 0.3380, -5.4940

Details

The CIELCh color $62, 10.678, 291.352$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $68, 10.406, 109.097$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 10.614, 291.111$, and $42, 10.904, 291.785$ is the 20% darker color. If you saturate the color by 10%, you get $56, 20.480, 292.568$, and if you desaturate by 10%, it is $68, 1.260, 290.349$.

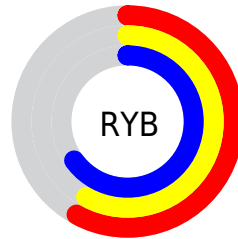
Distribution



Red (58%)

Green (58%)

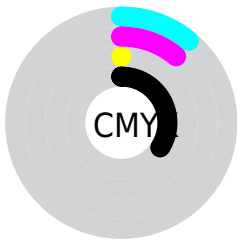
Blue (65%)



Red (58%)

Yellow (58%)

Blue (65%)

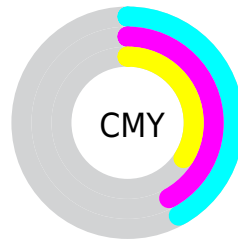


Cyan (11%)

Magenta (11%)

Yellow (0%)

Black (34%)



Cyan (42%)

Magenta (42%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 10.678, 291.352 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, 10.678, 291.352 by changing the saturation by 10% instead.

■ 62, 10.678,
291.352

■ 62, 10.678,
291.352

■ 100, 10.678,
291.352

■ 52, 10.678,
291.352

■ 82, 10.678,
291.352

■ 42, 10.678,
291.352

■ 92, 10.678,
291.352

■ 32, 10.678,
291.352

■ 22, 10.678,
291.352

■ 12, 10.678,
291.352

■ 2, 10.678, 291.352

■ 0, 10.678, 291.352

62, 10.678,
291.352

62, 10.678,
291.352

56, 20.480,
292.568

68, 1.260, 290.349

50, 30.701,
294.002

74, 7.798, 109.414

44, 41.358,
295.674

79, 16.524,
108.665

39, 52.429,
297.586

85, 24.943,
108.022

33, 63.782,
299.695

91, 33.074,
107.468

28, 75.022,
301.877

96, 40.938,
106.990

24, 85.261,
303.892

98, 43.836,
106.829

21, 93.048,

305.412

■ 19, 97.602,
306.287

Harmonies

Complementary

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



62, 10.678, 291.352



68, 10.406, 109.097

Rectangle

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



62, 10.678, 291.352



62, 10.678, 341.352



62, 10.678, 111.352



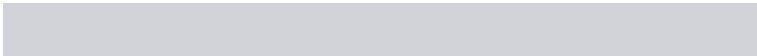
62, 10.678, 161.352

Sweetspot

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



62, 10.677, 291.348



84, 3.432, 290.488



67, 6.998, 197.431



45, 2.625, 290.562



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, 10.677, 291.348



77, 16.336, 291.680



63, 11.238, 308.988



32, 5.323, 291.120



16, 89.148, 306.286



0, 9.558, 290.176

Inverse Universe

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



63, 7.499, 20.064



78, 11.539, 20.296



67, 11.057, 127.990



33, 3.724, 19.902



30, 69.025, 39.357



1, 6.572, 19.401

Previews

White Background



This preview shows how the CIELCh color 62, 10.678, 291.352 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, 10.678, 291.352 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

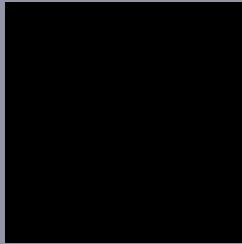
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

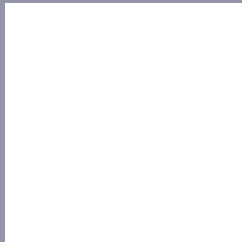
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 10.678, 291.352

Background



This preview shows how black text looks on a background with the CIELCh color 62, 10.678, 291.352.



This preview shows how white text looks on a background with the CIELCh color 62, 10.678, 291.352.

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, 10.678, 291.352

Protanopia

62, 10.677, 287.430

Deuteranopia

62, 12.961, 308.075



Tritanopia
62, 6.768, 284.614

Trichromacy



Original Color
62, 10.678, 291.352

Protanomaly
62, 10.677, 287.430

Deuteranomaly
62, 12.044, 302.025

Tritanomaly
62, 7.884, 285.661

Monochromacy



Original Color
62, 10.678, 291.352

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 3.934, 290.624

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 10.678, 291.352 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(148, 148, 167)` looks like.

```
.text, #text, p{  
    color:rgb(148, 148, 167)  
}
```

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(148, 148, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 148, 167) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 10.678, 291.352 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(148, 148, 167) }
```

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

```
.border{ border-color:rgb(148, 148, 167) }
```

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

Here you see how a box with a 4 pixel rgb(148, 148, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 148, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 148, 167);  
box-shadow:4px 4px 4px 4px rgb(148, 148,  
167) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 10.678, 291.352 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 148, 167) }
```

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

```
.background{ background-color: rgb(148,  
148, 167) }
```

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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