

Converting Colors

CIELCh(62, 8.430, 110.866)

Have a look what the booklet for
CIELCh(62, 8.430, 110.866) contains.

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Color

CIELCh(62, 8.385, 111.968)

Conversions

Conversions Part 1

Format	Color
Hex	969788
RGB	150, 151, 136
RGB Percent	59%, 59%, 53%
CMY	0.4117, 0.4078, 0.4666
CMYK	0.01, 0.00, 0.10, 0.41
HSL	64°, 7%, 56%
HSV	64°, 10%, 59%
XYZ	28.0954, 30.4025, 27.6865
YIQ	148.9910, 4.2190, -4.8770

Conversions

Conversions Part 2

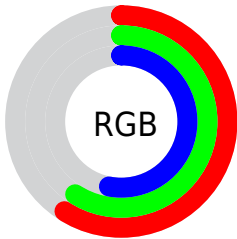
Format	Color
RYB	136, 151, 137
Decimal	9869192
CIELab	62.00, -3.14, 7.78
CIELCh	62, 8.385, 111.968
Yxy	30.4025, 0.3260, 0.3528
Android (android.graphics.Color)	4288059272 (0xFF969788)
YUV	148.9910, -6.4046, 0.8849
Hunter-Lab	55.1385, -5.5390, 8.8259

Details

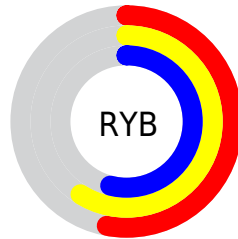
The CIELCh color $62, 8.385, 111.968$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $57, 8.577, 293.698$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 8.452, 111.962$, and $42, 8.423, 111.871$ is the 20% darker color. If you saturate the color by 10%, you get $62, 16.783, 111.131$, and if you desaturate by 10%, it is $62, 0.064, 293.311$.

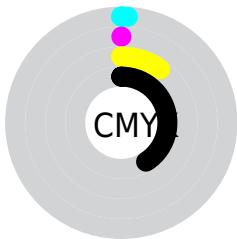
Distribution



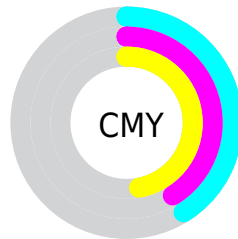
- Red (59%)
- Green (59%)
- Blue (53%)



- Red (53%)
- Yellow (59%)
- Blue (54%)



- Cyan (1%)
- Magenta (0%)
- Yellow (10%)
- Black (41%)



- Cyan (41%)
- Magenta (41%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 8.385, 111.968 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, 8.385, 111.968 by changing the saturation by 10% instead.

■ 62, 8.385, 111.968

■ 62, 8.385, 111.968

■ 100, 8.385,
111.968

■ 52, 8.385, 111.968

■ 82, 8.385, 111.968

■ 42, 8.385, 111.968

■ 92, 8.385, 111.968

■ 32, 8.385, 111.968

■ 22, 8.385, 111.968

■ 12, 8.385, 111.968

■ 2, 8.385, 111.968

■ 0, 8.385, 111.968

■ 62, 8.385, 111.968

■ 62, 8.385, 111.968

■ 62, 16.783,

■ 62, 0.064, 293.311

111.131

63, 8.528, 293.630

61, 25.069,
110.287

64, 16.979,
294.411

61, 33.157,
109.462

64, 25.398,
295.159

61, 40.912,
108.685

65, 33.770,
295.871

60, 48.134,
107.988

66, 42.084,
296.544

60, 54.536,
107.417

66, 50.330,
297.178

60, 59.755,
107.025

67, 57.513,
297.737

60, 63.422,
106.865

67, 57.520,
298.022

60, 65.756,
106.902

Harmonies

Complementary

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



62, 8.385, 111.968



57, 8.577, 293.698

Rectangle

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



62, 8.385, 111.968



62, 8.385, 161.968



62, 8.385, 291.968



62, 8.385, 341.968

Sweetspot

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



62, 8.386, 111.976



79, 3.134, 112.543



58, 5.624, 25.653



42, 2.396, 112.481



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



62, 8.386, 111.976



79, 12.542, 111.782



61, 9.070, 130.963



32, 4.823, 112.034



56, 62.311, 106.877



3, 5.239, 113.115

Inverse Universe

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



57, 8.577, 293.698



71, 12.889, 293.924



58, 9.180, 311.763



30, 4.925, 293.632



15, 85.382, 306.562



0, 5.238, 292.764

Previews

White Background



This preview shows how the CIELCh color 62, 8.385, 111.968 looks on a white background.

Color Contrast Check

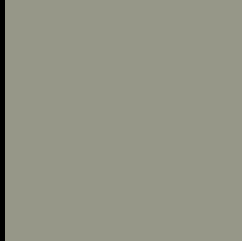
Large Text (above 18pt) WCAG AA × Fail

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, 8.385, 111.968 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

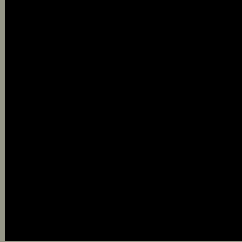
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

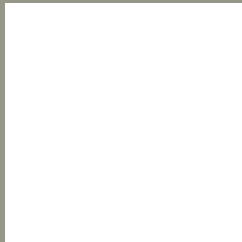
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 8.385, 111.968

Background



This preview shows how black text looks on a background with the CIELCh color 62, 8.385, 111.968.



This preview shows how white text looks on a background with the CIELCh color 62, 8.385, 111.968.

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, 8.385, 111.968

Protanopia

62, 8.308, 89.459

Deuteranopia

62, 10.907, 41.190



Tritanopia
62, 6.488, 307.765

Trichromacy



Original Color
62, 8.385, 111.968

Protanomaly
62, 8.521, 98.367

Deuteranomaly
62, 8.245, 62.318

Tritanomaly
62, 1.626, 335.624

Monochromacy



Original Color
62, 8.385, 111.968

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 3.379, 116.428

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 8.385, 111.968 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(150, 151, 136)` looks like.

```
.text, #text, p{  
    color:rgb(150, 151, 136)  
}
```

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(150, 151, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 151, 136) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 8.385, 111.968 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(150, 151, 136) }
```

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

```
.border{ border-color:rgb(150, 151, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 151, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 151, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 151, 136);  
box-shadow:4px 4px 4px 4px rgb(150, 151,  
136) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 8.385, 111.968 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 151, 136) }
```

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

```
.background{ background-color: rgb(150,  
151, 136) }
```

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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