

Converting Colors

CIELCh(62, 2.018, 35.441)

Have a look what the booklet for
CIELCh(62, 2.018, 35.441) contains.

CIELCh(62, 2.018, 35.441)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(62, 2.018, 35.441)

Conversions

Conversions Part 1

Format	Color
Hex	9A9594
RGB	154, 149, 148
RGB Percent	60%, 58%, 58%
CMY	0.3970, 0.4166, 0.4205
CMYK	0.00, 0.03, 0.04, 0.40
HSL	10°, 3%, 59%
HSV	10°, 4%, 60%
XYZ	29.3227, 30.4025, 32.2466
YIQ	150.3810, 3.3010, 0.7490

Conversions

Conversions Part 2

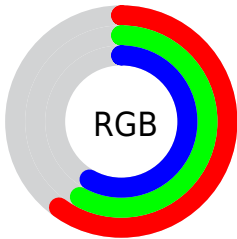
Format	Color
RYB	154, 149, 148
Decimal	10130836
CIELab	62.00, 1.64, 1.17
CIELCh	62, 2.018, 35.441
Yxy	30.4025, 0.3188, 0.3306
Android (android.graphics.Color)	4288320916 (0xFF9A9594)
YUV	150.3810, -1.1738, 3.1739
Hunter-Lab	55.1385, -1.5659, 3.9225

Details

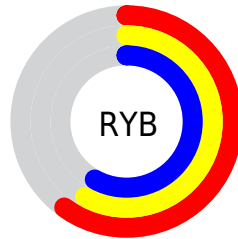
The CIELCh color **62, 2.018, 35.441** is a light color, and the websafe version is hex **999999**. A complement of this color would be **63, 1.972, 216.000**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 1.901, 35.372**, and **42, 2.185, 35.504** is the 20% darker color. If you saturate the color by 10%, you get **58, 7.487, 35.659**, and if you desaturate by 10%, it is **66, 3.037, 215.950**.

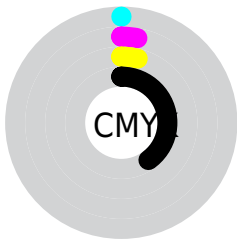
Distribution



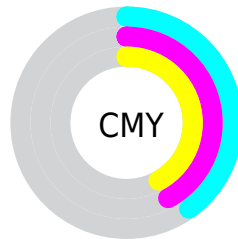
- Red (60%)
- Green (58%)
- Blue (58%)



- Red (60%)
- Yellow (58%)
- Blue (58%)



- Cyan (0%)
- Magenta (3%)
- Yellow (4%)
- Black (40%)



- Cyan (40%)
- Magenta (42%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 2.018, 35.441 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, 2.018, 35.441 by changing the saturation by 10% instead.

■ 62, 2.018, 35.441

■ 62, 2.018, 35.441

■ 100, 2.018, 35.441

■ 52, 2.018, 35.441

■ 82, 2.018, 35.441

■ 42, 2.018, 35.441

■ 92, 2.018, 35.441

■ 32, 2.018, 35.441

■ 22, 2.018, 35.441

■ 12, 2.018, 35.441

■ 2, 2.018, 35.441

■ 0, 2.018, 35.441

■ 62, 2.018, 35.441

■ 62, 2.018, 35.441

■ 58, 7.487, 35.659

■ 66, 3.037, 215.950

54, 13.410, 35.810

70, 7.719, 216.013

51, 19.816, 36.099

74, 12.070,
216.193

47, 26.715, 36.581

78, 16.129,
216.420

44, 34.087, 37.298

41, 41.853, 38.283

82, 19.931,
216.675

38, 49.845, 39.520

86, 23.510,
216.948

36, 57.698, 40.874

34, 64.617, 41.923

90, 26.853,
216.759

93, 29.782,
201.357

94, 30.963,
197.512

Harmonies

Complementary

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



62, 2.018, 35.441



63, 1.972, 216.000

Rectangle

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



62, 2.018, 35.441



62, 2.018, 85.441



62, 2.018, 215.441



62, 2.018, 265.441

Sweetspot

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



62, 2.017, 35.491



80, 0.630, 34.862



62, 3.657, 329.553



42, 0.357, 34.805



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, 2.017, 35.491



78, 3.205, 35.540



63, 2.350, 90.574



31, 1.758, 35.552



30, 63.457, 42.558



1, 3.114, 35.419

Inverse Universe

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



63, 1.972, 216.000



79, 3.109, 215.962



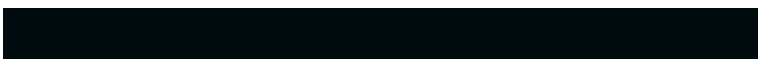
62, 2.362, 271.684



32, 1.701, 215.954



45, 27.905, 227.580



2, 3.082, 217.252

Previews

White Background



This preview shows how the CIELCh color 62, 2.018, 35.441 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, 2.018, 35.441 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

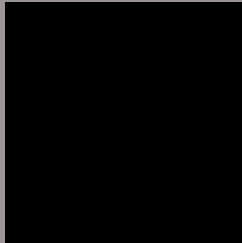
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

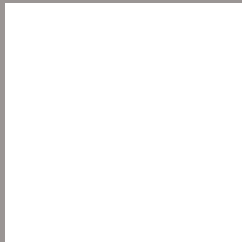
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 2.018, 35.441

Background



This preview shows how black text looks on a background with the CIELCh color 62, 2.018, 35.441.



This preview shows how white text looks on a background with the CIELCh color 62, 2.018, 35.441.

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, 2.018, 35.441

Protanopia

62, 1.645, 39.141

Deuteranopia

62, 8.174, 4.334



Tritanopia
62, 7.429, 314.955

Trichromacy



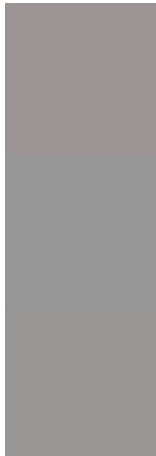
Original Color
62, 2.018, 35.441

Protanomaly
62, 1.645, 39.141

Deuteranomaly
62, 6.114, 4.034

Tritanomaly
62, 4.785, 324.639

Monochromacy



Original Color
62, 2.018, 35.441

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 0.671, 74.819

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 2.018, 35.441 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(154, 149, 148)` looks like.

```
.text, #text, p{  
    color:rgb(154, 149, 148)  
}
```

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(154, 149, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 149, 148) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 2.018, 35.441 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(154, 149, 148) }
```

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

```
.border{ border-color:rgb(154, 149, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 149, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 149, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 149, 148);  
box-shadow:4px 4px 4px 4px rgb(154, 149,  
148) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 2.018, 35.441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 149, 148) }
```

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

```
.background{ background-color: rgb(154,  
149, 148) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor