

Converting Colors

CIELCh(62, 1.391, 14.379)

Have a look what the booklet for
CIELCh(62, 1.391, 14.379) contains.

CIELCh(62, 1.551, 19.267)	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, 1.551, 19.267)

Conversions

Conversions Part 1

Format	Color
Hex	999595
RGB	153, 149, 149
RGB Percent	60%, 58%, 58%
CMY	0.4003, 0.4160, 0.4160
CMYK	0.00, 0.03, 0.03, 0.40
HSL	0°, 2%, 59%
HSV	0°, 3%, 60%
XYZ	29.2759, 30.4025, 32.7267
YIQ	150.1960, 2.3840, 0.8480

Conversions

Conversions Part 2

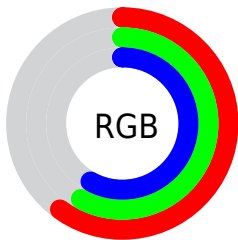
Format	Color
R _Y B	153, 149, 149
Decimal	10065301
CIE Lab	62.00, 1.46, 0.51
CIE LCh	62, 1.551, 19.267
Yxy	30.4025, 0.3168, 0.3290
Android (android.graphics.Color)	4288255381 (0xFF999595)
YUV	150.1960, -0.5896, 2.4591
Hunter-Lab	55.1385, -1.7175, 3.4062

Details

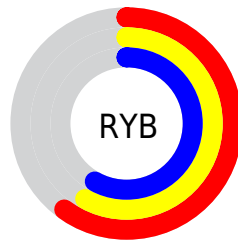
The CIELCh color **62, 1.551, 19.267** is a light color, and the websafe version is hex **999999**. A complement of this color would be **63, 1.524, 199.616**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 1.464, 19.135**, and **42, 1.676, 19.425** is the 20% darker color. If you saturate the color by 10%, you get **57, 7.768, 20.213**, and if you desaturate by 10%, it is **67, 4.210, 199.205**.

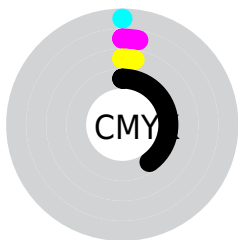
Distribution



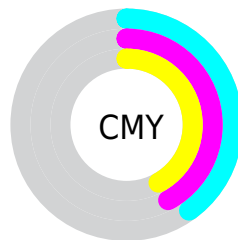
- Red (60%)
- Green (58%)
- Blue (58%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 1.551, 19.267 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, 1.551, 19.267 by changing the saturation by 10% instead.

■ 62, 1.551, 19.267 ■ 62, 1.551, 19.267

■ 100, 1.551, 19.267 ■ 52, 1.551, 19.267

■ 82, 1.551, 19.267 ■ 42, 1.551, 19.267

■ 92, 1.551, 19.267 ■ 32, 1.551, 19.267

■ 22, 1.551, 19.267

■ 12, 1.551, 19.267

■ 2, 1.551, 19.267

■ 0, 1.551, 19.267

■ 62, 1.551, 19.267 ■ 62, 1.551, 19.267

■ 57, 7.768, 20.213 ■ 67, 4.210, 199.205

53, 14.470, 21.085

71, 9.548, 198.734

49, 21.653, 22.189

76, 14.509,
198.389

45, 29.270, 23.617

80, 19.135,
198.114

41, 37.215, 25.471

38, 45.307, 27.850

85, 23.466,
197.891

35, 53.289, 30.809

90, 27.541,
197.708

33, 60.795, 34.230

32, 67.127, 37.576

94, 31.174,
197.499

Harmonies

Complementary

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



62, 1.551, 19.267



63, 1.524, 199.616

Rectangle

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



62, 1.551, 19.267



62, 1.551, 69.267



62, 1.551, 199.267



62, 1.551, 249.267

Sweetspot

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



62, 1.550, 19.322



80, 0.731, 18.771



62, 2.738, 324.504



42, 0.414, 18.718



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, 1.550, 19.322



79, 2.207, 19.391



63, 1.347, 74.889



32, 1.346, 19.471



28, 66.104, 39.061



1, 3.593, 19.459

Inverse Universe

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



63, 1.524, 199.616



80, 2.165, 199.550



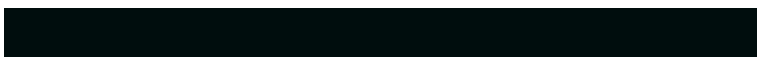
62, 1.350, 255.953



32, 1.315, 199.473



53, 32.089, 196.486



3, 3.593, 199.485

Previews

White Background



This preview shows how the CIELCh color 62, 1.551, 19.267 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, 1.551, 19.267 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

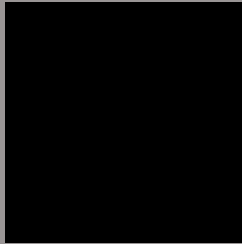
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

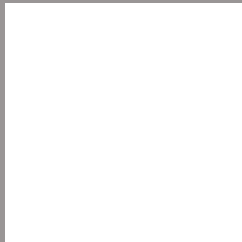
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 1.551, 19.267

Background



This preview shows how black text looks on a background with the CIELCh color 62, 1.551, 19.267.



This preview shows how white text looks on a background with the CIELCh color 62, 1.551, 19.267.

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, 1.551, 19.267

Protanopia

62, 1.551, 19.267

Deuteranopia

62, 7.957, 359.612



Tritanopia
62, 7.280, 312.218

Trichromacy



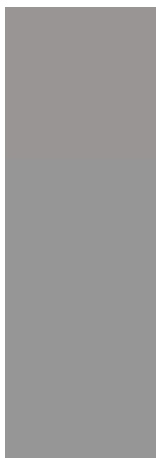
Original Color
62, 1.551, 19.267

Protanomaly
62, 1.551, 19.267

Deuteranomaly
62, 5.915, 357.702

Tritanomaly
62, 4.578, 320.655

Monochromacy



Original Color
62, 1.551, 19.267

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 0.387, 18.289

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 1.551, 19.267 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(153, 149, 149)` looks like.

```
.text, #text, p{  
    color:rgb(153, 149, 149)  
}
```

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(153, 149, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 149, 149) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 1.551, 19.267 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(153, 149, 149) }
```

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

```
.border{ border-color:rgb(153, 149, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 149, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 149, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 149, 149);  
box-shadow:4px 4px 4px 4px rgb(153, 149,  
149) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 1.551, 19.267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 149, 149) }
```

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

```
.background{ background-color: rgb(153,  
149, 149) }
```

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