

Converting Colors

CIELCh(62, 2.867, 168.512)

Have a look what the booklet for
CIELCh(62, 2.867, 168.512) contains.

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Color

CIELCh(62, 2.571, 173.489)

Conversions

Conversions Part 1

Format	Color
Hex	919795
RGB	145, 151, 149
RGB Percent	57%, 59%, 58%
CMY	0.4307, 0.4071, 0.4150
CMYK	0.04, 0.00, 0.01, 0.41
HSL	160°, 3%, 58%
HSV	160°, 4%, 59%
XYZ	28.2430, 30.4025, 32.8884
YIQ	148.9780, -2.9340, -1.8940

Conversions

Conversions Part 2

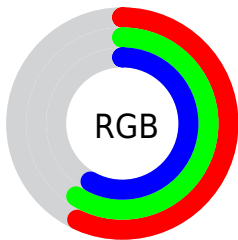
Format	Color
RYB	145, 149, 151
Decimal	9541525
CIELab	62.00, -2.55, 0.29
CIELCh	62, 2.571, 173.489
Yxy	30.4025, 0.3086, 0.3321
Android (android.graphics.Color)	4287731605 (0xFF919795)
YUV	148.9780, 0.0108, -3.4887
Hunter-Lab	55.1385, -5.0611, 3.2323

Details

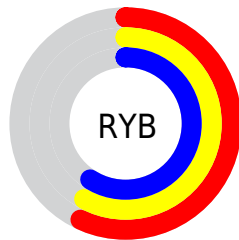
The CIELCh color $62, 2.571, 173.489$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $61, 2.605, 353.881$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 2.429, 173.624$, and $42, 2.406, 169.115$ is the 20% darker color. If you saturate the color by 10%, you get $61, 9.012, 172.446$, and if you desaturate by 10%, it is $63, 3.924, 354.085$.

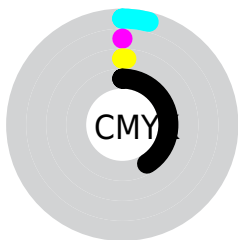
Distribution



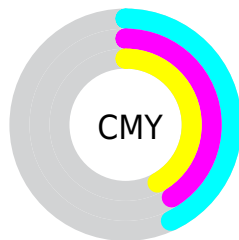
- Red (57%)
- Green (59%)
- Blue (58%)



- Red (57%)
- Yellow (58%)
- Blue (59%)



- Cyan (4%)
- Magenta (0%)
- Yellow (1%)
- Black (41%)



- Cyan (43%)
- Magenta (41%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 2.571, 173.489 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, 2.571, 173.489 by changing the saturation by 10% instead.

■ 62, 2.571, 173.489

■ 62, 2.571, 173.489

■ 100, 2.571,
173.489

■ 52, 2.571, 173.489

■ 82, 2.571, 173.489

■ 42, 2.571, 173.489

■ 92, 2.571, 173.489

■ 32, 2.571, 173.489

■ 22, 2.571, 173.489

■ 12, 2.571, 173.489

■ 2, 2.571, 173.489

■ 0, 2.571, 173.489

■ 62, 2.571, 173.489

■ 62, 2.571, 173.489

■ 61, 9.012, 172.446

■ 63, 3.924, 354.085

■ 60, 15.316,
171.436

■ 65, 10.414,
354.952

■ 59, 21.393,
170.348

■ 66, 16.848,
355.729

■ 58, 27.143,
169.158

■ 68, 23.191,
356.459

■ 57, 32.462,
167.842

■ 70, 29.417,
357.153

■ 56, 37.254,
166.376

■ 72, 35.508,
357.815

■ 56, 41.445,
164.739

■ 74, 41.457,
358.449

■ 56, 44.999,
162.911

■ 74, 43.587,
356.132

■ 55, 47.931,
160.888

■ 74, 44.522,
352.890

Harmonies

Complementary

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



62, 2.571, 173.489



61, 2.605, 353.881

Rectangle

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



62, 2.571, 173.489



62, 2.571, 223.489



62, 2.571, 353.489



62, 2.571, 43.489

Sweetspot

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



62, 2.572, 173.470



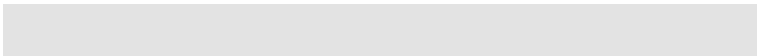
79, 0.798, 174.158



62, 3.696, 134.008



42, 0.457, 174.201



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, 2.572, 173.470



78, 4.008, 173.337



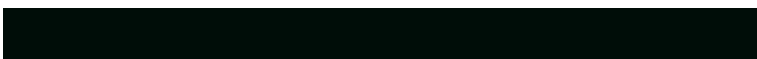
62, 2.003, 214.079



32, 2.218, 173.289



51, 46.787, 159.829



3, 4.043, 172.941

Inverse Universe

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



61, 2.605, 353.881



77, 4.066, 354.016



61, 2.050, 33.639



31, 2.252, 354.066



29, 55.093, 16.643



1, 4.005, 354.043

Previews

White Background



This preview shows how the CIELCh color 62, 2.571, 173.489 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, 2.571, 173.489 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

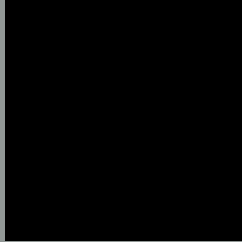
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

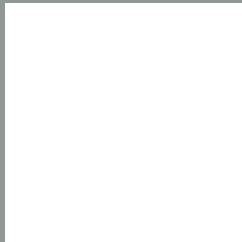
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 2.571, 173.489

Background



This preview shows how black text looks on a background with the CIELCh color 62, 2.571, 173.489.



This preview shows how white text looks on a background with the CIELCh color 62, 2.571, 173.489.

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, 2.571, 173.489

Protanopia

62, 1.645, 39.141

Deuteranopia

62, 7.957, 359.612



Tritanopia
62, 6.768, 284.614

Trichromacy



Original Color
62, 2.571, 173.489

Protanomaly
62, 1.112, 110.008

Deuteranomaly
62, 4.250, 356.447

Tritanomaly
62, 4.183, 269.566

Monochromacy



Original Color
62, 2.571, 173.489

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 0.954, 163.889

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 2.571, 173.489 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(145, 151, 149)` looks like.

```
.text, #text, p{  
    color:rgb(145, 151, 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(145, 151, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 151, 149) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 2.571, 173.489 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(145, 151, 149) }
```

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

```
.border{ border-color:rgb(145, 151, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 151, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 151, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 151, 149);  
box-shadow:4px 4px 4px 4px rgb(145, 151,  
149) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 2.571, 173.489 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 151, 149) }
```

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

```
.background{ background-color: rgb(145,  
151, 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](#).

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