

Converting Colors

CIELCh(62, 4.449, 322.209)

Have a look what the booklet for
CIELCh(62, 4.449, 322.209) contains.

CIELCh(62, 4.578, 320.655)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(62, 4.578, 320.655)

Conversions

Conversions Part 1

Format	Color
Hex	9A949B
RGB	154, 148, 155
RGB Percent	60%, 58%, 61%
CMY	0.3962, 0.4197, 0.3923
CMYK	0.01, 0.05, 0.00, 0.39
HSL	291°, 3%, 59%
HSV	291°, 5%, 61%
XYZ	29.8192, 30.4025, 35.2931
YIQ	150.5920, 1.3290, 3.4490

Conversions

Conversions Part 2

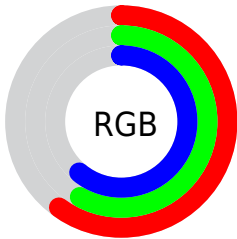
Format	Color
RYB	154, 148, 155
Decimal	10130587
CIELab	62.00, 3.54, -2.90
CIELCh	62, 4.578, 320.655
Yxy	30.4025, 0.3122, 0.3183
Android (android.graphics.Color)	4288320667 (0xFF9A949B)
YUV	150.5920, 2.1731, 2.9888
Hunter-Lab	55.1385, 0.0415, 0.6466

Details

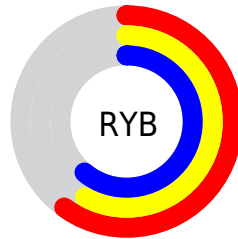
The CIELCh color $62, 4.578, 320.655$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $63, 4.556, 140.322$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 4.329, 320.593$, and $42, 4.926, 320.756$ is the 20% darker color. If you saturate the color by 10%, you get $58, 14.819, 321.137$, and if you desaturate by 10%, it is $66, 5.485, 140.283$.

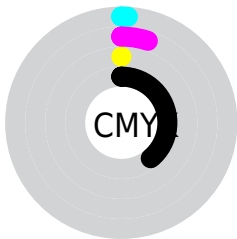
Distribution



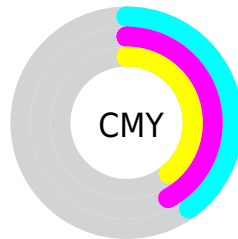
- Red (60%)
- Green (58%)
- Blue (61%)



- Red (60%)
- Yellow (58%)
- Blue (61%)



- Cyan (1%)
- Magenta (5%)
- Yellow (0%)
- Black (39%)



- Cyan (40%)
- Magenta (42%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 4.578, 320.655 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, 4.578, 320.655 by changing the saturation by 10% instead.

■ 62, 4.578, 320.655

■ 62, 4.578, 320.655

■ 100, 4.578,
320.655

■ 52, 4.578, 320.655

■ 82, 4.578, 320.655

■ 42, 4.578, 320.655

■ 92, 4.578, 320.655

■ 32, 4.578, 320.655

■ 22, 4.578, 320.655

■ 12, 4.578, 320.655

■ 2, 4.578, 320.655

■ 0, 4.578, 320.655

■ 62, 4.578, 320.655

■ 62, 4.578, 320.655

■ 58, 14.819,

■ 66, 5.485, 140.283

321.137

71, 15.309,
139.834

54, 25.150,
321.598

75, 24.867,
139.425

49, 35.426,
322.041

80, 34.149,
139.045

46, 45.430,
322.449

84, 43.152,
138.691

42, 54.866,
322.798

89, 51.884,
138.365

39, 63.356,
323.056

93, 59.534,
138.039

37, 70.470,
323.191

93, 59.128,
137.470

35, 75.809,
323.170

93, 58.724,
136.887

33, 79.147,
322.969

Harmonies

Complementary

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



62, 4.578, 320.655



63, 4.556, 140.322

Rectangle

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



62, 4.578, 320.655



62, 4.578, 10.655



62, 4.578, 140.655



62, 4.578, 190.655

Sweetspot

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



62, 4.576, 320.653



81, 1.258, 320.358



62, 3.361, 283.768



43, 0.721, 320.344



91, 0.011, 296.813



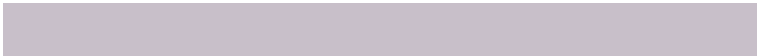
43, 0.006, 296.813

Same Dimension

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



62, 4.576, 320.653



78, 6.278, 320.684



62, 3.735, 336.614



31, 3.404, 320.707



29, 74.884, 322.871



1, 6.082, 320.119

Inverse Universe

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



62, 2.783, 7.921



78, 3.823, 7.990



63, 3.715, 156.145



31, 2.075, 8.038



29, 61.093, 32.180



1, 3.679, 7.886

Previews

White Background



This preview shows how the CIELCh color 62, 4.578, 320.655 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, 4.578, 320.655 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

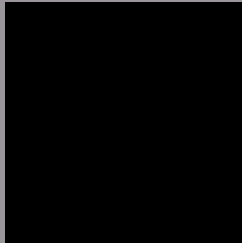
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

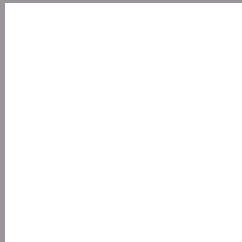
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 4.578, 320.655

Background



This preview shows how black text looks on a background with the CIELCh color 62, 4.578, 320.655.



This preview shows how white text looks on a background with the CIELCh color 62, 4.578, 320.655.

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, 4.578, 320.655

Protanopia

62, 4.017, 301.513

Deuteranopia

62, 9.027, 337.218



Tritanopia
62, 7.429, 314.955

Trichromacy



Original Color

62, 4.578, 320.655

Protanomaly

62, 4.110, 306.723

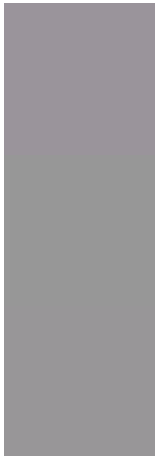
Deuteranomaly

62, 7.545, 332.102

Tritanomaly

62, 6.923, 316.854

Monochromacy



Original Color

62, 4.578, 320.655

Achromatopsia

62, 0.008, 296.813

Achromatomaly

62, 1.373, 324.359

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 4.578, 320.655 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, 148, 155)` looks like.

```
.text, #text, p{  
    color:rgb(154, 148, 155)  
}
```

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, 148, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 148, 155) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 4.578, 320.655 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, 148, 155) }
```

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

```
.border{ border-color:rgb(154, 148, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 148, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 148, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 148, 155);  
box-shadow:4px 4px 4px 4px rgb(154, 148,  
155) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 4.578, 320.655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 148, 155) }
```

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

```
.background{ background-color: rgb(154,  
148, 155) }
```

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