

Converting Colors

CIELCh(62, 5.021, 347.268)

Have a look what the booklet for
CIELCh(62, 5.021, 347.268) contains.

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Color

CIELCh(62, 5.121, 346.692)

Conversions

Conversions Part 1

Format	Color
Hex	9E9398
RGB	158, 147, 152
RGB Percent	62%, 58%, 60%
CMY	0.3804, 0.4235, 0.4039
CMYK	0.00, 0.07, 0.04, 0.38
HSL	333°, 5%, 60%
HSV	333°, 7%, 62%
XYZ	30.2008, 30.4025, 33.9813
YIQ	150.8590, 4.9510, 3.8870

Conversions

Conversions Part 2

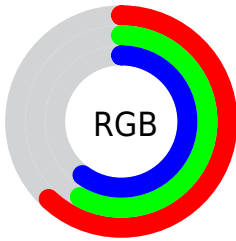
Format	Color
R _Y B	158, 147, 152
Decimal	10392472
CIE Lab	62.00, 4.98, -1.18
CIE LCh	62, 5.121, 346.692
Yxy	30.4025, 0.3193, 0.3214
Android (android.graphics.Color)	4288582552 (0xFF9E9398)
YUV	150.8590, 0.5625, 6.2627
Hunter-Lab	55.1385, 1.2768, 2.0571

Details

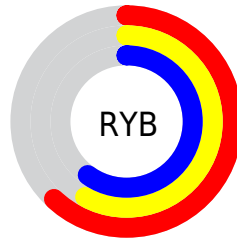
The CIELCh color $62, 5.121, 346.692$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $64, 5.058, 165.671$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 5.149, 348.807$, and $42, 5.515, 346.971$ is the 20% darker color. If you saturate the color by 10%, you get $58, 12.633, 347.659$, and if you desaturate by 10%, it is $66, 2.193, 166.104$.

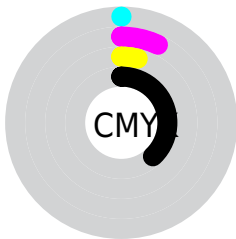
Distribution



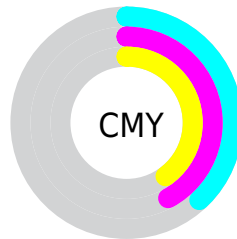
- Red (62%)
- Green (58%)
- Blue (60%)



- Red (62%)
- Yellow (58%)
- Blue (60%)



- Cyan (0%)
- Magenta (7%)
- Yellow (4%)
- Black (38%)




- Cyan (38%)
- Magenta (42%)
- Yellow (40%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 5.121, 346.692 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, 5.121, 346.692 by changing the saturation by 10% instead.

 62, 5.121, 346.692


 62, 5.121, 346.692

 100, 5.121,
346.692

 52, 5.121, 346.692

 82, 5.121, 346.692


 42, 5.121, 346.692

 92, 5.121, 346.692

 32, 5.121, 346.692

 22, 5.121, 346.692

 12, 5.121, 346.692

 2, 5.121, 346.692

 0, 5.121, 346.692

 62, 5.121, 346.692

 62, 5.121, 346.692

 58, 12.633,

 66, 2.193, 166.104

347.659

71, 9.265, 165.230

53, 20.270,
348.704

76, 16.082,
164.528

49, 27.900,
349.891

80, 22.644,
163.890

45, 35.318,
351.272

85, 28.963,
163.302

42, 42.241,
352.920

89, 35.053,
162.759

39, 48.313,
354.932

93, 39.503,
163.157

37, 53.166,
357.442

93, 36.778,
168.574

35, 56.528, 0.610

94, 34.369,
174.767

34, 58.480, 4.530

Harmonies

Complementary

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



62, 5.121, 346.692



64, 5.058, 165.671

Rectangle

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



62, 5.121, 346.692



62, 5.121, 36.692



62, 5.121, 166.692



62, 5.121, 216.692

Sweetspot

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



62, 5.119, 346.700



82, 1.821, 346.114



62, 6.600, 310.501



44, 1.043, 346.090



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



62, 5.119, 346.700



79, 7.330, 346.814



62, 4.171, 22.512



31, 4.173, 346.918



30, 54.839, 5.309



1, 5.311, 347.542

Inverse Universe

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



62, 5.119, 346.700



79, 7.330, 346.814



64, 3.994, 202.097



31, 4.173, 346.918



30, 54.839, 5.309



1, 5.311, 347.542

Previews

White Background



This preview shows how the CIELCh color 62, 5.121, 346.692 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, 5.121, 346.692 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

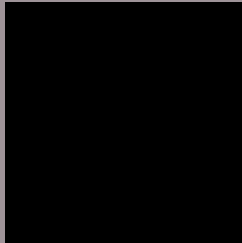
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 5.121, 346.692

Background



This preview shows how black text looks on a background with the CIELCh color 62, 5.121, 346.692.



This preview shows how white text looks on a background with the CIELCh color 62, 5.121, 346.692.

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, 5.121, 346.692

Protanopia

62, 2.387, 309.139

Deuteranopia

62, 8.046, 351.056



Tritanopia
62, 8.409, 327.011

Trichromacy



Original Color
62, 5.121, 346.692

Protanomaly
62, 3.657, 329.552

Deuteranomaly
62, 6.747, 350.188

Tritanomaly
62, 7.545, 332.102

Monochromacy



Original Color
62, 5.121, 346.692

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 1.652, 359.504

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 5.121, 346.692 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(158, 147, 152)` looks like.

```
.text, #text, p{  
    color:rgb(158, 147, 152)  
}
```

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(158, 147, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 147, 152) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 5.121, 346.692 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(158, 147, 152) }
```

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

```
.border{ border-color:rgb(158, 147, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 147, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 147, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 147, 152);  
box-shadow:4px 4px 4px 4px rgb(158, 147,  
152) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 5.121, 346.692 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 147, 152) }
```

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

```
.background{ background-color: rgb(158,  
147, 152) }
```

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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