

Converting Colors

CIELCh(62, 4.628, 8.235)

Have a look what the booklet for
CIELCh(62, 4.628, 8.235) contains.

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Color

CIELCh(62, 4.826, 6.400)

Conversions

Conversions Part 1

Format	Color
Hex	9F9395
RGB	159, 147, 149
RGB Percent	62%, 58%, 58%
CMY	0.3765, 0.4236, 0.4157
CMYK	0.00, 0.08, 0.06, 0.38
HSL	350°, 6%, 60%
HSV	350°, 8%, 62%
XYZ	30.1510, 30.4025, 32.7075
YIQ	150.8160, 6.5100, 3.1660

Conversions

Conversions Part 2

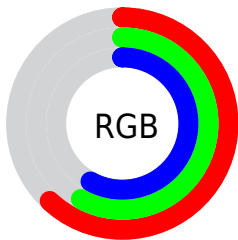
Format	Color
R _Y B	159, 147, 149
Decimal	10458005
CIE Lab	62.00, 4.80, 0.54
CIE LCh	62, 4.826, 6.400
Yxy	30.4025, 0.3233, 0.3260
Android (android.graphics.Color)	4288648085 (0xFF9F9395)
YUV	150.8160, -0.8953, 7.1774
Hunter-Lab	55.1385, 1.1157, 3.4268

Details

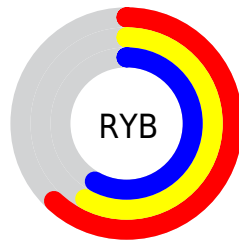
The CIELCh color $62, 4.826, 6.400$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $65, 4.671, 185.300$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 4.910, 7.256$, and $42, 5.220, 6.729$ is the 20% darker color. If you saturate the color by 10%, you get $57, 11.531, 7.481$, and if you desaturate by 10%, it is $67, 1.520, 185.933$.

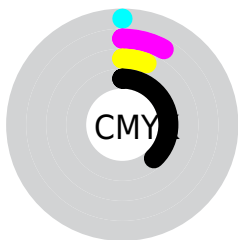
Distribution



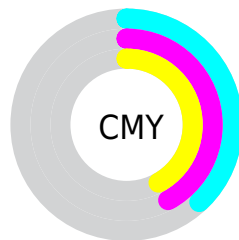
- Red (62%)
- Green (58%)
- Blue (58%)



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



- Cyan (0%)
- Magenta (8%)
- Yellow (6%)
- Black (38%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 4.826, 6.400 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, 4.826, 6.400 by changing the saturation by 10% instead.

62, 4.826, 6.400

62, 4.826, 6.400

100, 4.826, 6.400

52, 4.826, 6.400

82, 4.826, 6.400

42, 4.826, 6.400

92, 4.826, 6.400

32, 4.826, 6.400

22, 4.826, 6.400

12, 4.826, 6.400

2, 4.826, 6.400

0, 4.826, 6.400

62, 4.826, 6.400

62, 4.826, 6.400

57, 11.531, 7.481

67, 1.520, 185.933

53, 18.574, 8.708

71, 7.505, 184.960

49, 25.885, 10.191

76, 13.149,
184.285

45, 33.333, 12.023

81, 18.477,
183.701

41, 40.719, 14.320

38, 47.788, 17.220

85, 23.519,
183.183

36, 54.281, 20.850

90, 28.304,
182.719

34, 60.027, 25.250

33, 65.079, 30.119

94, 31.410,
184.817

94, 29.650,
197.591

Harmonies

Complementary

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



62, 4.826, 6.400



65, 4.671, 185.300

Rectangle

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



62, 4.826, 6.400



62, 4.826, 56.400



62, 4.826, 186.400



62, 4.826, 236.400

Sweetspot

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



62, 4.824, 6.415



82, 1.560, 5.674



62, 7.773, 320.109



44, 0.894, 5.642



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, 4.824, 6.415



78, 7.153, 6.585



63, 3.836, 55.008



31, 3.615, 6.592



29, 61.011, 30.671



1, 4.603, 6.510

Inverse Universe

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



62, 4.824, 6.415



78, 7.153, 6.585



63, 3.703, 236.448



31, 3.615, 6.592



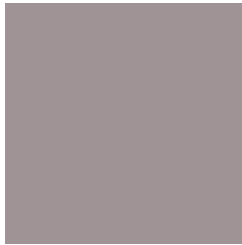
29, 61.011, 30.671



1, 4.603, 6.510

Previews

White Background



This preview shows how the CIELCh color 62, 4.826, 6.400 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, 4.826, 6.400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

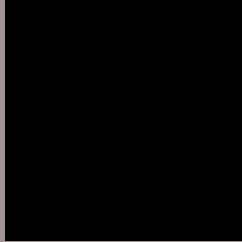
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

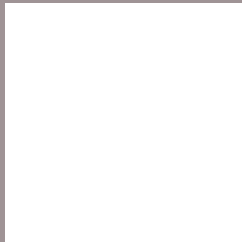
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 4.826, 6.400

Background



This preview shows how black text looks on a background with the CIELCh color 62, 4.826, 6.400.



This preview shows how white text looks on a background with the CIELCh color 62, 4.826, 6.400.

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, 4.826, 6.400

Protanopia

62, 1.297, 353.574

Deuteranopia

62, 7.792, 3.483



Tritanopia
62, 8.215, 331.539

Trichromacy



Original Color

62, 4.826, 6.400

Protanomaly

62, 2.949, 357.231

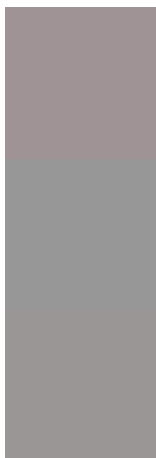
Deuteranomaly

62, 6.496, 5.044

Tritanomaly

62, 7.053, 340.613

Monochromacy



Original Color

62, 4.826, 6.400

Achromatopsia

62, 0.008, 296.813

Achromatomaly

62, 1.549, 19.265

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 4.826, 6.400 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(159, 147, 149)` looks like.

```
.text, #text, p{  
    color:rgb(159, 147, 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(159, 147, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 147, 149) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 4.826, 6.400 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(159, 147, 149) }
```

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

```
.border{ border-color:rgb(159, 147, 149) }
```

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

Here you see how a box with a 4 pixel rgb(159, 147, 149) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 147, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 147, 149);  
box-shadow:4px 4px 4px 4px rgb(159, 147,  
149) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 4.826, 6.400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 147, 149) }
```

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

```
.background{ background-color: rgb(159,  
147, 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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