

Converting Colors

CIELCh(62, 7.836, 54.521)

Have a look what the booklet for
CIELCh(62, 7.836, 54.521) contains.

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Color

CIELCh(62, 7.836, 54.521)

Conversions

Conversions Part 1

Format	Color
Hex	A3938B
RGB	163, 147, 139
RGB Percent	64%, 58%, 55%
CMY	0.3618, 0.4245, 0.4559
CMYK	0.00, 0.10, 0.15, 0.36
HSL	20°, 12%, 59%
HSV	20°, 15%, 64%
XYZ	30.0853, 30.4025, 28.6111
YIQ	150.8720, 12.1040, 0.9040

Conversions

Conversions Part 2

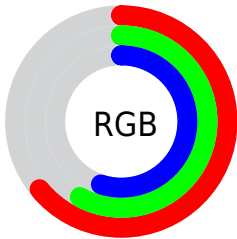
Format	Color
RYB	163, 151, 139
Decimal	10720139
CIELab	62.00, 4.55, 6.38
CIELCh	62, 7.836, 54.521
Yxy	30.4025, 0.3377, 0.3412
Android (android.graphics.Color)	4288910219 (0xFFA3938B)
YUV	150.8720, -5.8529, 10.6363
Hunter-Lab	55.1385, 0.9030, 7.8317

Details

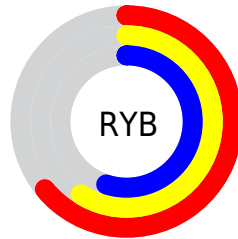
The CIELCh color **62, 7.836, 54.521** is a light color, and the websafe version is hex **999999**. A complement of this color would be **63, 7.273, 237.134**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 7.970, 56.231**, and **42, 7.834, 52.452** is the 20% darker color. If you saturate the color by 10%, you get **59, 13.631, 53.848**, and if you desaturate by 10%, it is **65, 2.432, 55.175**.

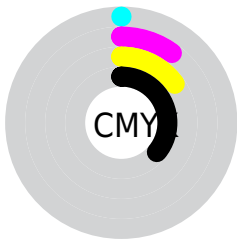
Distribution



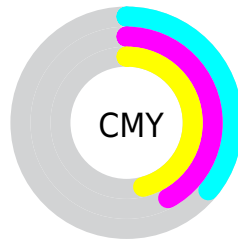
- Red (64%)
- Green (58%)
- Blue (55%)



- Red (64%)
- Yellow (59%)
- Blue (55%)



- Cyan (0%)
- Magenta (10%)
- Yellow (15%)
- Black (36%)



- Cyan (36%)
- Magenta (42%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 7.836, 54.521 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, 7.836, 54.521 by changing the saturation by 10% instead.

 62, 7.836, 54.521  62, 7.836, 54.521

 100, 7.836, 54.521  52, 7.836, 54.521

 82, 7.836, 54.521  42, 7.836, 54.521

 92, 7.836, 54.521  32, 7.836, 54.521

 22, 7.836, 54.521

 12, 7.836, 54.521

 2, 7.836, 54.521

 0, 7.836, 54.521

 62, 7.836, 54.521  62, 7.836, 54.521

 59, 13.631, 53.848  65, 2.432, 55.175

56, 19.852, 53.210

69, 2.618, 236.294

52, 26.520, 52.648

72, 7.353, 236.995

50, 33.627, 52.174

75, 11.809,
237.781

47, 41.113, 51.778

79, 16.021,
238.576

44, 48.806, 51.402

42, 56.306, 50.882

82, 20.019,
239.363

40, 62.811, 49.857

86, 23.829,
240.136

39, 66.117, 49.480

89, 24.178,
225.967

92, 25.710,
210.347

Harmonies

Complementary

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



62, 7.836, 54.521



63, 7.273, 237.134

Rectangle

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



62, 7.836, 54.521



62, 7.836, 104.521



62, 7.836, 234.521



62, 7.836, 284.521

Sweetspot

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



62, 7.836, 54.536



83, 2.535, 55.198



60, 12.947, 336.680



44, 1.821, 55.173



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



62, 7.836, 54.536



77, 12.003, 54.286



65, 11.154, 100.720



33, 2.956, 54.913



34, 60.641, 49.817



2, 4.478, 51.809

Inverse Universe

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



63, 7.273, 237.134



79, 10.919, 237.528



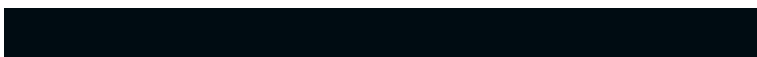
60, 11.375, 284.098



33, 2.827, 236.609



39, 33.715, 261.019



3, 4.523, 242.827

Previews

White Background



This preview shows how the CIELCh color 62, 7.836, 54.521 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, 7.836, 54.521 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, 7.836, 54.521

Background



This preview shows how black text looks on a background with the CIELCh color 62, 7.836, 54.521.



This preview shows how white text looks on a background with the CIELCh color 62, 7.836, 54.521.

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, 7.836, 54.521

Protanopia

62, 5.555, 84.181

Deuteranopia

62, 9.890, 39.916



Tritanopia
62, 10.561, 340.949

Trichromacy



Original Color
62, 7.836, 54.521

Protanomaly
62, 5.983, 67.859

Deuteranomaly
62, 8.973, 45.782

Tritanomaly
62, 7.957, 359.612

Monochromacy



Original Color
62, 7.836, 54.521

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 2.586, 45.029

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 7.836, 54.521 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(163, 147, 139)` looks like.

```
.text, #text, p{  
    color:rgb(163, 147, 139)  
}
```

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(163, 147, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 147, 139) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 7.836, 54.521 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(163, 147, 139) }
```

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

```
.border{ border-color:rgb(163, 147, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 147, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 147, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 147, 139);  
box-shadow:4px 4px 4px 4px rgb(163, 147,  
139) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 7.836, 54.521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 147, 139) }
```

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

```
.background{ background-color: rgb(163,  
147, 139) }
```

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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