

Converting Colors

CIELCh(62, 3.773, 259.520)

Have a look what the booklet for
CIELCh(62, 3.773, 259.520) contains.

CIELCh(62, 3.830, 261.146)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(62, 3.830, 261.146)

Conversions

Conversions Part 1

Format	Color
Hex	91969C
RGB	145, 150, 156
RGB Percent	57%, 59%, 61%
CMY	0.4299, 0.4103, 0.3867
CMYK	0.07, 0.04, 0.00, 0.39
HSL	213°, 5%, 59%
HSV	213°, 7%, 61%
XYZ	28.7450, 30.4025, 35.9772
YIQ	149.1890, -4.9060, 0.8060

Conversions

Conversions Part 2

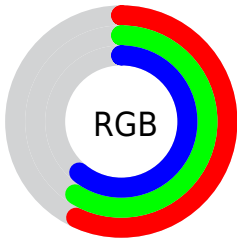
Format	Color
RYB	145, 148, 156
Decimal	9541276
CIELab	62.00, -0.59, -3.78
CIElCh	62, 3.830, 261.146
Yxy	30.4025, 0.3022, 0.3196
Android (android.graphics.Color)	4287731356 (0xFF91969C)
YUV	149.1890, 3.3578, -3.6738
Hunter-Lab	55.1385, -3.4362, -0.0890

Details

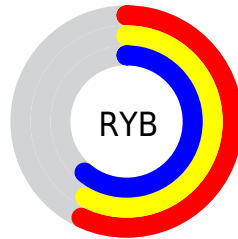
The CIELCh color $62, 3.830, 261.146$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $63, 3.866, 79.226$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 3.626, 260.943$, and $42, 3.940, 266.655$ is the 20% darker color. If you saturate the color by 10%, you get $58, 9.255, 262.542$, and if you desaturate by 10%, it is $66, 1.602, 79.630$.

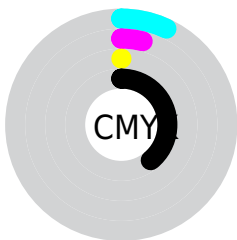
Distribution



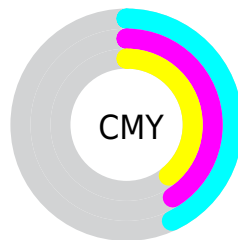
- Red (57%)
- Green (59%)
- Blue (61%)



- Red (57%)
- Yellow (58%)
- Blue (61%)



- Cyan (7%)
- Magenta (4%)
- Yellow (0%)
- Black (39%)



- Cyan (43%)
- Magenta (41%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 3.830, 261.146 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, 3.830, 261.146 by changing the saturation by 10% instead.

■ 62, 3.830, 261.146

■ 62, 3.830, 261.146

■ 100, 3.830,
261.146

■ 52, 3.830, 261.146

■ 82, 3.830, 261.146

■ 42, 3.830, 261.146

■ 92, 3.830, 261.146

■ 32, 3.830, 261.146

■ 22, 3.830, 261.146

■ 12, 3.830, 261.146

■ 2, 3.830, 261.146

■ 0, 3.830, 261.146

■ 62, 3.830, 261.146

■ 62, 3.830, 261.146

■ 58, 9.255, 262.542

■ 66, 1.602, 79.630

55, 14.662,
264.247

69, 7.026, 78.689

51, 20.038,
266.264

73, 12.429, 77.776

48, 25.379,
268.640

76, 17.800, 76.972

45, 30.690,
271.423

80, 23.132, 76.263

41, 35.994,
274.642

83, 28.416, 75.635

38, 41.336,
278.290

87, 33.648, 75.075

35, 46.772,
282.297

89, 35.554, 82.998

32, 52.360,
286.462

91, 38.051, 90.022

Harmonies

Complementary

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



62, 3.830, 261.146



63, 3.866, 79.226

Rectangle

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



62, 3.830, 261.146



62, 3.830, 311.146



62, 3.830, 81.146



62, 3.830, 131.146

Sweetspot

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



62, 3.829, 261.124



81, 1.357, 260.652



64, 5.115, 164.971



43, 0.770, 260.653



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, 3.829, 261.124



79, 5.404, 261.266



61, 6.213, 292.151



32, 3.103, 261.411



29, 50.175, 287.245



2, 4.150, 262.479

Inverse Universe

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



61, 5.134, 346.687



78, 7.258, 346.794



64, 6.107, 110.861



31, 4.174, 346.898



30, 54.840, 5.277



1, 5.312, 347.523

Previews

White Background



This preview shows how the CIELCh color 62, 3.830, 261.146 looks on a white background.

Color Contrast Check

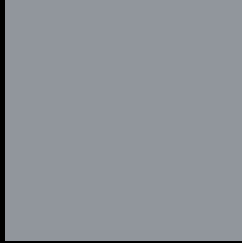
Large Text (above 18pt) WCAG AA × Fail

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, 3.830, 261.146 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

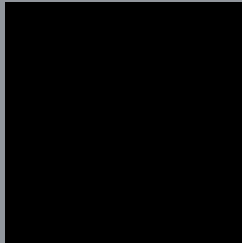
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

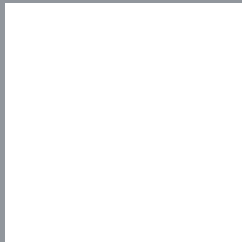
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 3.830, 261.146

Background



This preview shows how black text looks on a background with the CIELCh color 62, 3.830, 261.146.



This preview shows how white text looks on a background with the CIELCh color 62, 3.830, 261.146.

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

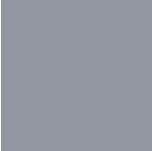
62, 3.830, 261.146

Protanopia

62, 3.468, 303.238

Deuteranopia

62, 9.150, 332.943



Tritanopia
62, 6.322, 277.265

Trichromacy



Original Color
62, 3.830, 261.146

Protanomaly
62, 3.385, 284.144

Deuteranomaly
62, 6.426, 319.058

Tritanomaly
62, 5.242, 274.175

Monochromacy



Original Color
62, 3.830, 261.146

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 1.352, 255.954

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 3.830, 261.146 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, 150, 156)` looks like.

```
.text, #text, p{  
    color:rgb(145, 150, 156)  
}
```

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, 150, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 150, 156) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 3.830, 261.146 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, 150, 156) }
```

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

```
.border{ border-color:rgb(145, 150, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 150, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 150, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 150, 156);  
box-shadow:4px 4px 4px 4px rgb(145, 150,  
156) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 3.830, 261.146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 150, 156) }
```

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

```
.background{ background-color: rgb(145,  
150, 156) }
```

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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