

Converting Colors

CIELCh(62, 4.751, 128.864)

Have a look what the booklet for
CIELCh(62, 4.751, 128.864) contains.

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Color

CIELCh(62, 4.751, 128.864)

Conversions

Conversions Part 1

Format	Color
Hex	93978F
RGB	147, 151, 143
RGB Percent	58%, 59%, 56%
CMY	0.4228, 0.4071, 0.4385
CMYK	0.03, 0.00, 0.05, 0.41
HSL	90°, 4%, 58%
HSV	90°, 5%, 59%
XYZ	28.1348, 30.4025, 30.4459
YIQ	148.8920, 0.1840, -3.3360

Conversions

Conversions Part 2

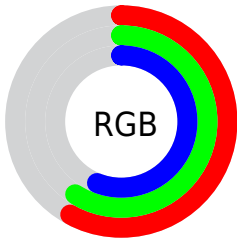
Format	Color
RYB	143, 151, 147
Decimal	9672591
CIELab	62.00, -2.98, 3.70
CIELCh	62, 4.751, 128.864
Yxy	30.4025, 0.3162, 0.3417
Android (android.graphics.Color)	4287862671 (0xFF93978F)
YUV	148.8920, -2.9048, -1.6593
Hunter-Lab	55.1385, -5.4114, 5.8587

Details

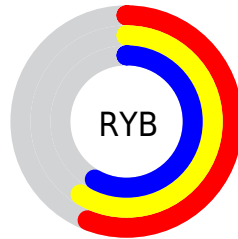
The CIELCh color $62, 4.751, 128.864$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $60, 4.798, 309.281$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 4.486, 128.927$, and $42, 4.556, 131.269$ is the 20% darker color. If you saturate the color by 10%, you get $61, 13.765, 128.411$, and if you desaturate by 10%, it is $63, 4.226, 309.243$.

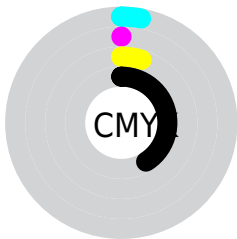
Distribution



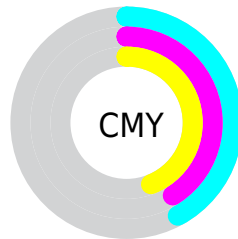
- Red (58%)
- Green (59%)
- Blue (56%)



- Red (56%)
- Yellow (59%)
- Blue (58%)



- Cyan (3%)
- Magenta (0%)
- Yellow (5%)
- Black (41%)



- Cyan (42%)
- Magenta (41%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 4.751, 128.864 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, 4.751, 128.864 by changing the saturation by 10% instead.

■ 62, 4.751, 128.864

■ 62, 4.751, 128.864

■ 100, 4.751,
128.864

■ 52, 4.751, 128.864

■ 82, 4.751, 128.864

■ 42, 4.751, 128.864

■ 92, 4.751, 128.864

■ 32, 4.751, 128.864

■ 22, 4.751, 128.864

■ 12, 4.751, 128.864

■ 2, 4.751, 128.864

■ 0, 4.751, 128.864

■ 62, 4.751, 128.864

■ 62, 4.751, 128.864

■ 61, 13.765,

■ 63, 4.226, 309.243

128.411

64, 13.131,
309.641

60, 22.754,
127.940

65, 21.931,
309.990

59, 31.637,
127.465

66, 30.606,
310.304

59, 40.298,
127.010

68, 39.142,
310.585

58, 48.572,
126.620

69, 47.529,
310.836

57, 56.221,
126.363

70, 55.763,
311.059

57, 62.926,
126.336

71, 59.293,
312.545

56, 68.317,
126.657

72, 59.885,
314.864

56, 72.125,
127.416

Harmonies

Complementary

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



62, 4.751, 128.864



60, 4.798, 309.281

Rectangle

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



62, 4.751, 128.864



62, 4.751, 178.864



62, 4.751, 308.864



62, 4.751, 358.864

Sweetspot

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



62, 4.753, 128.871



79, 2.214, 129.042



61, 2.724, 74.686



42, 1.268, 129.051



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



62, 4.753, 128.871



79, 6.668, 128.832



62, 5.484, 144.187



32, 3.588, 128.816



52, 69.674, 127.683



3, 5.562, 129.367

Inverse Universe

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



60, 4.798, 309.281



76, 6.737, 309.320



60, 5.498, 324.686



31, 3.626, 309.336



21, 79.785, 312.153



1, 5.543, 308.779

Previews

White Background



This preview shows how the CIELCh color 62, 4.751, 128.864 looks on a white background.

Color Contrast Check

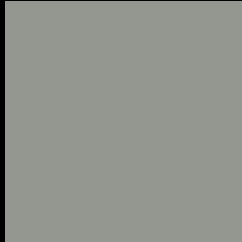
Large Text (above 18pt) WCAG AA × Fail

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, 4.751, 128.864 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

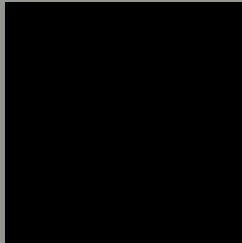
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

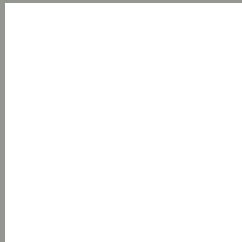
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 4.751, 128.864

Background



This preview shows how black text looks on a background with the CIELCh color 62, 4.751, 128.864.



This preview shows how white text looks on a background with the CIELCh color 62, 4.751, 128.864.

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, 4.751, 128.864

Protanopia

62, 4.370, 82.856

Deuteranopia

62, 8.380, 23.972



Tritanopia
62, 6.195, 294.332

Trichromacy



Original Color
62, 4.751, 128.864

Protanomaly
62, 4.531, 99.653

Deuteranomaly
62, 5.025, 39.213

Tritanomaly
62, 2.275, 280.820

Monochromacy



Original Color
62, 4.751, 128.864

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 1.852, 134.665

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 4.751, 128.864 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(147, 151, 143)` looks like.

```
.text, #text, p{  
    color:rgb(147, 151, 143)  
}
```

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(147, 151, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 151, 143) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 4.751, 128.864 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(147, 151, 143) }
```

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

```
.border{ border-color:rgb(147, 151, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 151, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 151, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 151, 143);  
box-shadow:4px 4px 4px 4px rgb(147, 151,  
143) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 4.751, 128.864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 151, 143) }
```

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

```
.background{ background-color: rgb(147,  
151, 143) }
```

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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