

Converting Colors

CIELCh(61, 4.852, 61.664)

Have a look what the booklet for
CIELCh(61, 4.852, 61.664) contains.

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Color

CIELCh(61, 4.899, 62.862)

Conversions

Conversions Part 1

Format	Color
Hex	9B928C
RGB	155, 146, 140
RGB Percent	61%, 57%, 55%
CMY	0.3937, 0.4290, 0.4525
CMYK	0.00, 0.06, 0.10, 0.39
HSL	24°, 7%, 58%
HSV	24°, 10%, 61%
XYZ	28.3648, 29.2481, 28.8107
YIQ	148.0070, 7.2900, 0.0420

Conversions

Conversions Part 2

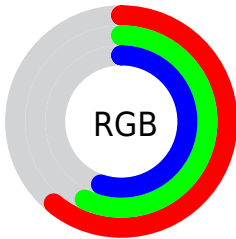
Format	Color
RYB	155, 150, 140
Decimal	10195596
CIELab	61.00, 2.23, 4.36
CIELCh	61, 4.899, 62.862
Yxy	29.2481, 0.3282, 0.3384
Android (android.graphics.Color)	4288385676 (0xFF9B928C)
YUV	148.0070, -3.9475, 6.1329
Hunter-Lab	54.0815, -1.0227, 6.2716

Details

The CIELCh color $61, 4.899, 62.862$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $61, 4.719, 245.052$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 4.601, 63.069$, and $41, 5.007, 65.882$ is the 20% darker color. If you saturate the color by 10%, you get $58, 10.263, 61.941$, and if you desaturate by 10%, it is $64, 0.153, 246.343$.

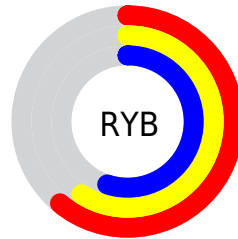
Distribution



Red (61%)

Green (57%)

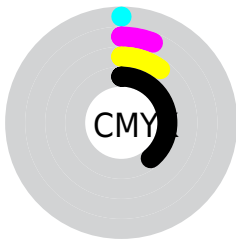
Blue (55%)



Red (61%)

Yellow (59%)

Blue (55%)

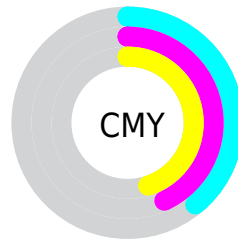


Cyan (0%)

Magenta (6%)

Yellow (10%)

Black (39%)



Cyan (39%)

Magenta (43%)

Yellow (45%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 4.899, 62.862 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 61, 4.899, 62.862 by changing the saturation by 10% instead.

 61, 4.899, 62.862  61, 4.899, 62.862

 100, 4.899, 62.862  51, 4.899, 62.862

 81, 4.899, 62.862  41, 4.899, 62.862

 91, 4.899, 62.862  31, 4.899, 62.862

 21, 4.899, 62.862

 11, 4.899, 62.862

 1, 4.899, 62.862

 0, 4.899, 62.862

 61, 4.899, 62.862  61, 4.899, 62.862

 58, 10.263, 61.941  64, 0.153, 246.343

55, 15.969, 60.993

67, 4.926, 245.021

53, 22.037, 60.073

70, 9.450, 245.968

50, 28.472, 59.191

73, 13.754,
246.920

47, 35.240, 58.342

76, 17.865,
247.855

45, 42.230, 57.492

43, 49.184, 56.540

79, 21.807,
248.764

40, 55.562, 55.253

82, 25.600,
249.644

39, 61.133, 53.722

85, 26.463,
243.271

87, 25.889,
230.021

Harmonies

Complementary

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



61, 4.899, 62.862



61, 4.719, 245.052

Rectangle

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



61, 4.899, 62.862



61, 4.899, 112.862



61, 4.899, 242.862



61, 4.899, 292.862

Sweetspot

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



61, 4.899, 62.885



80, 1.840, 63.376



60, 7.762, 339.309



42, 1.410, 63.349



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



61, 4.899, 62.885



77, 7.580, 62.650



63, 7.530, 104.808



31, 2.827, 62.928



35, 56.954, 54.036



2, 2.978, 63.102

Inverse Universe

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



61, 4.719, 245.052



77, 7.220, 245.346



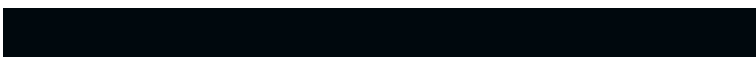
59, 7.664, 286.865



31, 2.729, 244.999



35, 37.119, 271.148



2, 2.996, 245.142

Previews

White Background



This preview shows how the CIELCh color 61, 4.899, 62.862 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 61, 4.899, 62.862 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

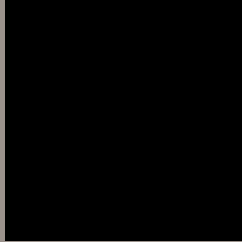
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

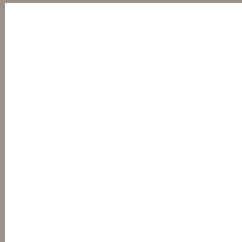
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 61, 4.899, 62.862

Background



This preview shows how black text looks on a background with the CIELCh color 61, 4.899, 62.862.



This preview shows how white text looks on a background with the CIELCh color 61, 4.899, 62.862.

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


61, 4.899, 62.862

Protanopia

61, 4.219, 87.689

Deuteranopia

61, 8.900, 27.423



Tritanopia
61, 8.672, 329.101

Trichromacy



Original Color
61, 4.899, 62.862

Protanomaly
61, 4.106, 74.412

Deuteranomaly
61, 7.396, 33.134

Tritanomaly
61, 5.471, 349.002

Monochromacy



Original Color
61, 4.899, 62.862

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 1.609, 63.344

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 4.899, 62.862 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(155, 146, 140)` looks like.

```
.text, #text, p{  
    color:rgb(155, 146, 140)  
}
```

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(155, 146, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 146, 140) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 4.899, 62.862 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(155, 146, 140) }
```

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

```
.border{ border-color:rgb(155, 146, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 146, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 146, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 146, 140);  
box-shadow:4px 4px 4px 4px rgb(155, 146,  
140) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 4.899, 62.862 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 146, 140) }
```

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

```
.background{ background-color: rgb(155,  
146, 140) }
```

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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