

Converting Colors

CIELCh(62, 22.821, 110.762)

Have a look what the booklet for
CIELCh(62, 22.821, 110.762)
contains.

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Color

CIELCh(62, 22.733, 110.820)

Conversions

Conversions Part 1

Format	Color
Hex	969970
RGB	150, 153, 112
RGB Percent	59%, 60%, 44%
CMY	0.4121, 0.4003, 0.5611
CMYK	0.02, 0.00, 0.27, 0.40
HSL	64°, 17%, 52%
HSV	64°, 27%, 60%
XYZ	26.8629, 30.4025, 19.7607
YIQ	147.4290, 11.3730, -13.3870

Conversions

Conversions Part 2

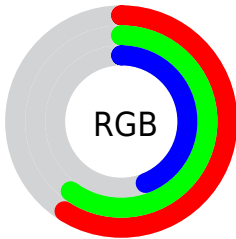
Format	Color
RYB	112, 153, 115
Decimal	9869680
CIELab	62.00, -8.08, 21.25
CIELCh	62, 22.733, 110.820
Yxy	30.4025, 0.3488, 0.3947
Android (android.graphics.Color)	4288059760 (0xFF969970)
YUV	147.4290, -17.4665, 2.2548
Hunter-Lab	55.1385, -9.5289, 17.3484

Details

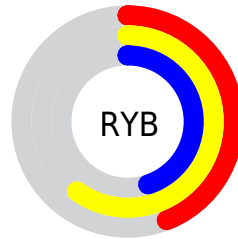
The CIELCh color $62, 22.733, 110.820$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $49, 24.183, 295.774$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 22.583, 110.155$, and $42, 22.522, 110.336$ is the 20% darker color. If you saturate the color by 10%, you get $62, 30.982, 109.999$, and if you desaturate by 10%, it is $62, 14.318, 111.662$.

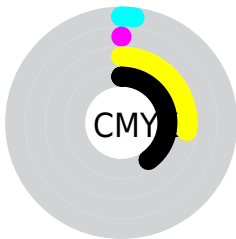
Distribution



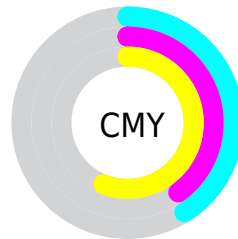
- Red (59%)
- Green (60%)
- Blue (44%)



- Red (44%)
- Yellow (60%)
- Blue (45%)



- Cyan (2%)
- Magenta (0%)
- Yellow (27%)
- Black (40%)





- Cyan (41%)
- Magenta (40%)
- Yellow (56%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 22.733, 110.820 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, 22.733, 110.820 by changing the saturation by 10% instead.


 62, 22.733,
110.820


 62, 22.733,
110.820


 100, 22.733,
110.820


 52, 22.733,
110.820


 82, 22.733,
110.820

 42, 22.733,
110.820

 92, 22.733,
110.820

 32, 22.733,
110.820

 22, 22.733,
110.820

 12, 22.733,
110.820

 2, 22.733, 110.820

 0, 22.733, 110.820

■ 62, 22.733,
110.820

■ 62, 22.733,
110.820

■ 62, 30.982,
109.999

■ 62, 14.318,
111.662

■ 61, 38.941,
109.212

■ 63, 5.810, 112.495

■ 61, 46.432,
108.495

■ 63, 2.737, 293.331

■ 61, 53.194,
107.892

■ 64, 11.289,
294.118

■ 61, 58.878,
107.453

■ 65, 19.821,
294.880

■ 60, 63.098,
107.237

■ 65, 28.314,
295.609

■ 60, 65.695,
107.268

■ 66, 36.755,
296.300

■ 60, 66.419,

■ 67, 45.134,
296.952

107.291

■ 67, 53.441,
297.565

Harmonies

Complementary

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



62, 22.733, 110.820



49, 24.183, 295.774

Rectangle

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



62, 22.733, 110.820



62, 22.733, 160.820



62, 22.733, 290.820



62, 22.733, 340.820

Sweetspot

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



62, 22.734, 110.824



80, 8.457, 112.384



52, 16.402, 26.716



42, 5.994, 112.267



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, 22.734, 110.824



78, 33.486, 110.340



60, 24.759, 130.184



32, 4.824, 112.295



56, 62.349, 107.258



3, 5.241, 113.390

Inverse Universe

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



49, 24.183, 295.774



59, 36.186, 296.523



51, 25.528, 312.536



30, 4.927, 293.874



15, 85.346, 306.588



0, 5.239, 293.011

Previews

White Background



This preview shows how the CIELCh color 62, 22.733, 110.820 looks on a white background.

Color Contrast Check

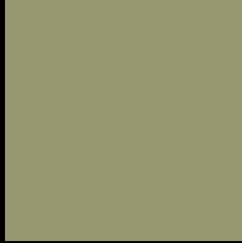
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 62, 22.733, 110.820 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

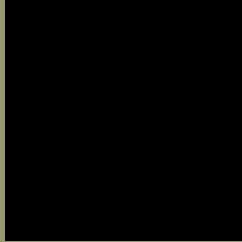
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

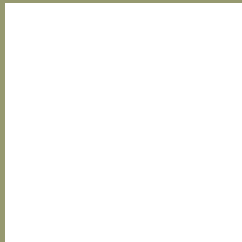
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 22.733, 110.820

Background



This preview shows how black text looks on a background with the CIELCh color 62, 22.733, 110.820.



This preview shows how white text looks on a background with the CIELCh color 62, 22.733, 110.820.

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, 22.733, 110.820

Protanopia

62, 22.720, 95.759

Deuteranopia

62, 21.879, 69.414



Tritanopia
62, 7.100, 319.631

Trichromacy



Original Color
62, 22.733, 110.820

Protanomaly
62, 22.337, 101.147

Deuteranomaly
62, 20.877, 83.891

Tritanomaly
62, 4.878, 85.720

Monochromacy



Original Color
62, 22.733, 110.820

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 8.405, 111.958

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 22.733, 110.820 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(150, 153, 112)` looks like.

```
.text, #text, p{  
    color:rgb(150, 153, 112)  
}
```

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(150, 153, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 153, 112) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 22.733, 110.820 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(150, 153, 112) }
```

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

```
.border{ border-color:rgb(150, 153, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 153, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(150, 153, 112); -webkit-box-shadow:4px 4px 4px 4px rgb(150, 153, 112); box-shadow:4px 4px 4px 4px rgb(150, 153, 112) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 22.733, 110.820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 153, 112) }
```

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

```
.background{ background-color: rgb(150,  
153, 112) }
```

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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