

Converting Colors

CIELCh(62, 18.505, 260.411)

Have a look what the booklet for
CIELCh(62, 18.505, 260.411)
contains.

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Color

CIELCh(62, 18.611, 260.444)

Conversions

Conversions Part 1

Format	Color
Hex	7C99B6
RGB	124, 153, 182
RGB Percent	49%, 60%, 71%
CMY	0.5141, 0.4004, 0.2867
CMYK	0.32, 0.16, 0.00, 0.29
HSL	210°, 28%, 60%
HSV	210°, 32%, 71%
XYZ	28.1073, 30.4025, 48.5896
YIQ	147.6350, -26.5930, 2.8710

Conversions

Conversions Part 2

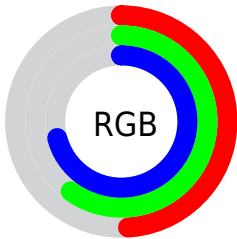
Format	Color
RYB	124, 143, 182
Decimal	8165814
CIELab	62.00, -3.09, -18.35
CIElCh	62, 18.611, 260.444
Yxy	30.4025, 0.2624, 0.2839
Android (android.graphics.Color)	4286355894 (0xFF7C99B6)
YUV	147.6350, 16.9419, -20.7279
Hunter-Lab	55.1385, -5.5004, -13.6510

Details

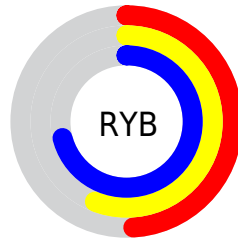
The CIELCh color $62, 18.611, 260.444$ is a light color, and the websafe version is hex `6699CC`. A complement of this color would be $65, 20.317, 71.490$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 18.687, 261.061$, and $42, 18.612, 260.709$ is the 20% darker color. If you saturate the color by 10%, you get $58, 24.259, 262.664$, and if you desaturate by 10%, it is $66, 12.858, 258.577$.

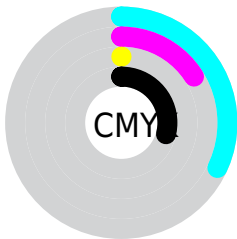
Distribution



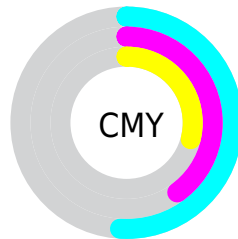
- Red (49%)
- Green (60%)
- Blue (71%)



- Red (49%)
- Yellow (56%)
- Blue (71%)



- Cyan (32%)
- Magenta (16%)
- Yellow (0%)
- Black (29%)



- Cyan (51%)
- Magenta (40%)
- Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 18.611, 260.444 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, 18.611, 260.444 by changing the saturation by 10% instead.

 62, 18.611,
260.444

 62, 18.611,
260.444

 100, 18.611,
260.444

 52, 18.611,
260.444


 82, 18.611,
260.444

 42, 18.611,
260.444

 92, 18.611,
260.444

 32, 18.611,
260.444

 22, 18.611,
260.444

 12, 18.611,
260.444

 2, 18.611, 260.444

 0, 18.611, 260.444

■ 62, 18.611,
260.444

■ 62, 18.611,
260.444

■ 58, 24.259,
262.664

■ 66, 12.858,
258.577

■ 55, 29.796,
265.301

■ 69, 7.021, 257.022

■ 73, 1.122, 255.945

■ 51, 35.229,
268.403

■ 77, 4.815, 74.434

■ 48, 40.594,
271.992

■ 81, 10.769, 73.502

■ 45, 45.958,
276.041

■ 85, 16.724, 72.676

■ 89, 22.662, 71.953

■ 42, 51.408,
280.441

■ 91, 25.400, 81.507

■ 39, 55.974,
284.011

■ 93, 28.205, 91.775

Harmonies

Complementary

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



62, 18.611, 260.444



65, 20.317, 71.490

Rectangle

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



62, 18.611, 260.444



62, 18.611, 310.444



62, 18.611, 80.444



62, 18.611, 130.444

Sweetspot

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



62, 18.610, 260.442



89, 7.336, 256.786



69, 26.987, 159.836



47, 5.042, 256.978



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



62, 18.610, 260.442



76, 27.376, 261.901



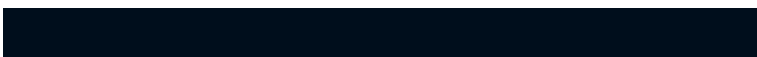
54, 32.870, 293.490



37, 3.377, 256.675



34, 49.270, 283.415



4, 10.213, 267.353

Inverse Universe

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



59, 27.684, 346.614



71, 40.921, 347.410



73, 30.498, 106.416



36, 4.869, 344.373



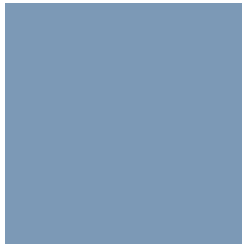
33, 58.650, 1.375



3, 12.208, 350.787

Previews

White Background



This preview shows how the CIELCh color 62, 18.611, 260.444 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, 18.611, 260.444 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

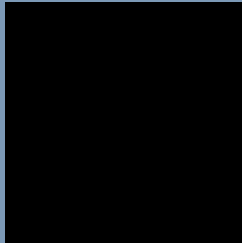
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

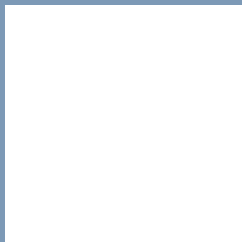
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 18.611, 260.444

Background



This preview shows how black text looks on a background with the CIELCh color 62, 18.611, 260.444.



This preview shows how white text looks on a background with the CIELCh color 62, 18.611, 260.444.

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, 18.611, 260.444

Protanopia

62, 17.461, 286.314

Deuteranopia

62, 20.821, 293.393



Tritanopia
62, 13.665, 231.000

Trichromacy



Original Color
62, 18.611, 260.444

Protanomaly
62, 17.373, 275.852

Deuteranomaly
62, 19.296, 281.982

Tritanomaly
62, 15.011, 244.280

Monochromacy



Original Color
62, 18.611, 260.444

Achromatopsia
61, 0.008, 296.813

Achromatomaly
62, 6.850, 254.528

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 18.611, 260.444 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(124, 153, 182)` looks like.

```
.text, #text, p{  
    color:rgb(124, 153, 182)  
}
```

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(124, 153, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 153, 182) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 18.611, 260.444 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(124, 153, 182) }
```

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

```
.border{ border-color:rgb(124, 153, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 153, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 153, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 153, 182);  
box-shadow:4px 4px 4px 4px rgb(124, 153,  
182) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 18.611, 260.444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 153, 182) }
```

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

```
.background{ background-color: rgb(124,  
153, 182) }
```

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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