

Converting Colors

CIELCh(62, 16.672, 259.848)

Have a look what the booklet for
CIELCh(62, 16.672, 259.848)
contains.

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Color

CIELCh(62, 16.314, 258.702)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 7F99B2 |
| RGB | 127, 153, 178 |
| RGB Percent | 50%, 60%, 70% |
| CMY | 0.5029, 0.4009, 0.3029 |
| CMYK | 0.29, 0.14, 0.00, 0.30 |
| HSL | 209°, 25%, 60% |
| HSV | 209°, 29%, 70% |
| XYZ | 28.0804, 30.4025, 46.3780 |
| YIQ | 148.0760, -23.5210, 2.2630 |

Conversions

Conversions Part 2

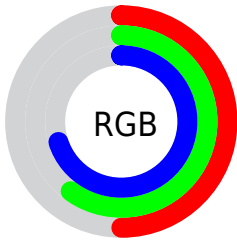
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 127, 144, 178 |
| Decimal | 8362418 |
| CIELab | 62.00, -3.20, -16.00 |
| CIELCh | 62, 16.314, 258.702 |
| Yxy | 30.4025, 0.2678, 0.2899 |
| Android (android.graphics.Color) | 4286552498 (0xFF7F99B2) |
| YUV | 148.0760, 14.7525, -18.4837 |
| Hunter-Lab | 55.1385, -5.5876, -11.2729 |

Details

The CIELCh color $62, 16.314, 258.702$ is a light color, and the websafe version is hex $6699CC$. A complement of this color would be $64, 17.720, 70.862$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 16.465, 259.810$, and $42, 16.236, 258.235$ is the 20% darker color. If you saturate the color by 10%, you get $58, 21.814, 260.788$, and if you desaturate by 10%, it is $66, 10.703, 256.951$.

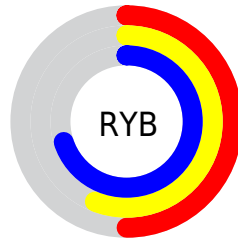
Distribution



Red (50%)

Green (60%)

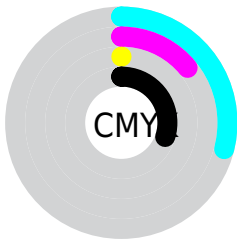
Blue (70%)



Red (50%)

Yellow (56%)

Blue (70%)

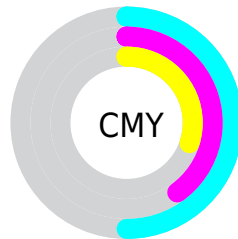


Cyan (29%)

Magenta (14%)

Yellow (0%)

Black (30%)



Cyan (50%)


Magenta (40%)


Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 16.314, 258.702 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, 16.314, 258.702 by changing the saturation by 10% instead.


 62, 16.314,
258.702


 62, 16.314,
258.702


 100, 16.314,
258.702


 52, 16.314,
258.702


 82, 16.314,
258.702

 42, 16.314,
258.702


 92, 16.314,
258.702

 32, 16.314,
258.702

 22, 16.314,
258.702

 12, 16.314,
258.702

 2, 16.314, 258.702

 0, 16.314, 258.702

■ 62, 16.314,
258.702

■ 62, 16.314,
258.702

■ 58, 21.814,
260.788

■ 66, 10.703,
256.951

■ 55, 27.191,
263.276

■ 69, 5.006, 255.506

■ 73, 0.754, 73.728

■ 52, 32.444,
266.218

■ 77, 6.552, 73.066

■ 48, 37.597,
269.651

■ 80, 12.369, 72.178

■ 45, 42.705,
273.569

■ 84, 18.186, 71.398

■ 88, 23.989, 70.717

■ 42, 47.851,
277.897

■ 90, 26.532, 79.435

■ 39, 53.141,
282.388

■ 92, 29.007, 89.169

■ 39, 53.858,

282.943

Harmonies

Complementary

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



62, 16.314, 258.702



64, 17.720, 70.862

Rectangle

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



62, 16.314, 258.702



62, 16.314, 308.702



62, 16.314, 78.702



62, 16.314, 128.702

Sweetspot

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



62, 16.313, 258.699



88, 6.441, 255.567



68, 23.887, 160.187



46, 4.508, 255.758



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



62, 16.313, 258.699



77, 23.898, 259.888



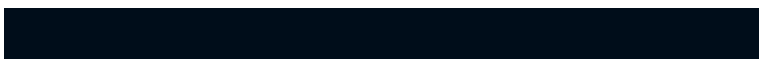
55, 28.827, 292.986



36, 3.274, 255.589



33, 47.667, 282.353



3, 8.725, 265.272

Inverse Universe

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



59, 24.565, 345.702



72, 36.203, 346.352



71, 26.986, 106.729



35, 4.788, 343.838



33, 58.061, 0.397



2, 10.665, 349.311

Previews

White Background



This preview shows how the CIELCh color 62, 16.314, 258.702 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, 16.314, 258.702 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

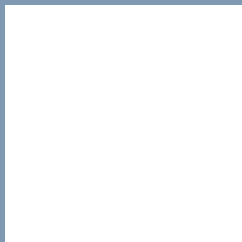
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 16.314, 258.702

Background



This preview shows how black text looks on a background with the CIELCh color 62, 16.314, 258.702.



This preview shows how white text looks on a background with the CIELCh color 62, 16.314, 258.702.

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, 16.314, 258.702

Protanopia

62, 15.205, 286.472

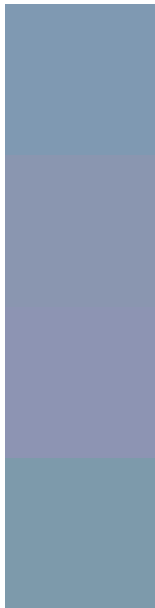
Deuteranopia

62, 18.615, 295.463



Tritanopia
62, 12.597, 231.088

Trichromacy



Original Color
62, 16.314, 258.702

Protanomaly
62, 15.071, 275.546

Deuteranomaly
62, 17.528, 284.061

Tritanomaly
62, 13.624, 243.464

Monochromacy



Original Color
62, 16.314, 258.702

Achromatopsia
61, 0.008, 296.813

Achromatomaly
62, 6.199, 254.081

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 16.314, 258.702 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(127, 153, 178)` looks like.

```
.text, #text, p{  
    color:rgb(127, 153, 178)  
}
```

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(127, 153, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 153, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 16.314, 258.702 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(127, 153, 178) }
```

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

```
.border{ border-color:rgb(127, 153, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 153, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 153, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 153, 178);  
box-shadow:4px 4px 4px 4px rgb(127, 153,  
178) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 16.314, 258.702 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 153, 178) }
```

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

```
.background{ background-color: rgb(127,  
153, 178) }
```

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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