

Converting Colors

CIELCh(62, 18.578, 259.502)

Have a look what the booklet for
CIELCh(62, 18.578, 259.502)
contains.

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Color

CIELCh(62, 18.763, 259.606)

Conversions

Conversions Part 1

Format	Color
Hex	7B99B6
RGB	123, 153, 182
RGB Percent	48%, 60%, 71%
CMY	0.5174, 0.3997, 0.2860
CMYK	0.32, 0.16, 0.00, 0.29
HSL	209°, 29%, 60%
HSV	209°, 32%, 71%
XYZ	28.0326, 30.4025, 48.6872
YIQ	147.3360, -27.1890, 2.6590

Conversions

Conversions Part 2

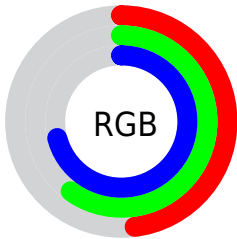
Format	Color
RYB	123, 143, 182
Decimal	8100278
CIELab	62.00, -3.39, -18.46
CIElCh	62, 18.763, 259.606
Yxy	30.4025, 0.2617, 0.2838
Android (android.graphics.Color)	4286290358 (0xFF7B99B6)
YUV	147.3360, 17.0894, -21.3427
Hunter-Lab	55.1385, -5.7423, -13.7561

Details

The CIELCh color $62, 18.763, 259.606$ is a light color, and the websafe version is hex $6699CC$. A complement of this color would be $65, 20.615, 70.547$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 18.836, 260.223$, and $42, 18.755, 259.905$ is the 20% darker color. If you saturate the color by 10%, you get $58, 24.337, 261.842$, and if you desaturate by 10%, it is $66, 13.071, 257.729$.

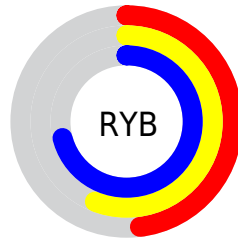
Distribution



Red (48%)

Green (60%)

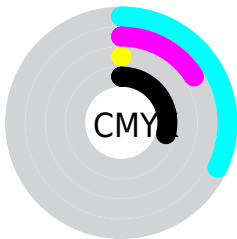
Blue (71%)



Red (48%)

Yellow (56%)

Blue (71%)

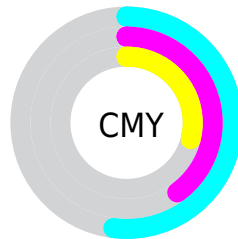


Cyan (32%)

Magenta (16%)

Yellow (0%)

Black (29%)



Cyan (52%)

Magenta (40%)

Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 18.763, 259.606 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, 18.763, 259.606 by changing the saturation by 10% instead.


 62, 18.763,
259.606


 62, 18.763,
259.606


 100, 18.763,
259.606


 52, 18.763,
259.606


 82, 18.763,
259.606

 42, 18.763,
259.606

 92, 18.763,
259.606

 32, 18.763,
259.606

 22, 18.763,
259.606

 12, 18.763,
259.606

 2, 18.763, 259.606

 0, 18.763, 259.606

62, 18.763,
259.606

62, 18.763,
259.606

58, 24.337,
261.842

66, 13.071,
257.729

55, 29.786,
264.501

69, 7.283, 256.166

73, 1.424, 255.027

51, 35.116,
267.633

77, 4.482, 73.570

48, 40.364,
271.260

81, 10.414, 72.644

45, 45.599,
275.354

85, 16.351, 71.822

88, 22.278, 71.103

42, 50.912,
279.803

91, 25.071, 80.168

40, 55.077,
283.172

93, 27.724, 90.571

Harmonies

Complementary

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



62, 18.763, 259.606



65, 20.615, 70.547

Rectangle

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



62, 18.763, 259.606



62, 18.763, 309.606



62, 18.763, 79.606



62, 18.763, 129.606

Sweetspot

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



62, 18.762, 259.604



89, 7.287, 255.858



69, 27.438, 159.778



47, 5.008, 256.049



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, 18.762, 259.604



76, 27.815, 261.187



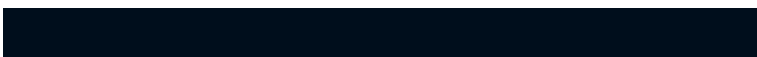
54, 33.472, 293.574



37, 3.355, 255.749



34, 48.449, 282.566



4, 10.132, 266.662

Inverse Universe

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



58, 28.304, 346.192



71, 42.184, 347.043



73, 31.011, 106.365



36, 4.896, 343.916



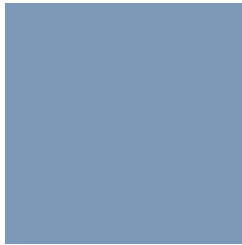
33, 58.744, 0.590



3, 12.267, 350.303

Previews

White Background



This preview shows how the CIELCh color 62, 18.763, 259.606 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, 18.763, 259.606 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

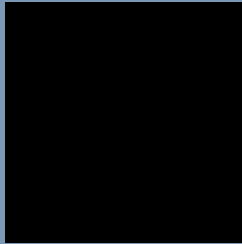
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

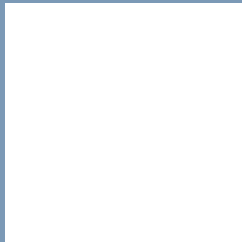
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 18.763, 259.606

Background



This preview shows how black text looks on a background with the CIELCh color 62, 18.763, 259.606.



This preview shows how white text looks on a background with the CIELCh color 62, 18.763, 259.606.

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, 18.763, 259.606

Protanopia

62, 17.461, 286.314

Deuteranopia

62, 20.821, 293.393



Tritanopia
62, 13.935, 230.278

Trichromacy



Original Color
62, 18.763, 259.606

Protanomaly
62, 17.373, 275.852

Deuteranomaly
62, 19.349, 280.998

Tritanomaly
62, 15.234, 243.419

Monochromacy



Original Color
62, 18.763, 259.606

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 7.311, 257.275

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 18.763, 259.606 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(123, 153, 182)` looks like.

```
.text, #text, p{  
    color:rgb(123, 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(123, 153, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 153, 182) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 18.763, 259.606 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(123, 153, 182) }
```

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

```
.border{ border-color:rgb(123, 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(123, 153, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 153, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 153, 182);  
box-shadow:4px 4px 4px 4px rgb(123, 153,  
182) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 18.763, 259.606 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 153, 182) }
```

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

```
.background{ background-color: rgb(123,  
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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