

Converting Colors

CIELCh(62, 16.733, 259.869)

Have a look what the booklet for
CIELCh(62, 16.733, 259.869)
contains.

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Color

CIELCh(62, 16.771, 259.878)

Conversions

Conversions Part 1

Format	Color
Hex	7F99B3
RGB	127, 153, 179
RGB Percent	50%, 60%, 70%
CMY	0.5032, 0.4013, 0.2994
CMYK	0.29, 0.15, 0.00, 0.30
HSL	210°, 25%, 60%
HSV	210°, 29%, 70%
XYZ	28.1434, 30.4025, 46.8531
YIQ	148.1900, -23.8420, 2.5740

Conversions

Conversions Part 2

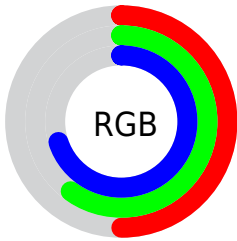
Format	Color
RYB	127, 144, 179
Decimal	8362419
CIELab	62.00, -2.95, -16.51
CIElCh	62, 16.771, 259.878
Yxy	30.4025, 0.2670, 0.2885
Android (android.graphics.Color)	4286552499 (0xFF7F99B3)
YUV	148.1900, 15.1893, -18.5836
Hunter-Lab	55.1385, -5.3838, -11.7838

Details

The CIELCh color $62, 16.771, 259.878$ is a light color, and the websafe version is hex $6699CC$. A complement of this color would be $65, 18.152, 71.835$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 16.907, 260.849$, and $42, 16.715, 259.590$ is the 20% darker color. If you saturate the color by 10%, you get $58, 22.367, 261.987$, and if you desaturate by 10%, it is $66, 11.076, 258.104$.

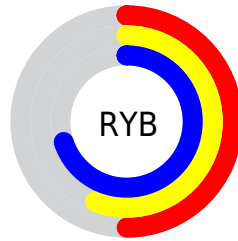
Distribution



Red (50%)

Green (60%)

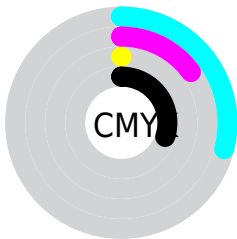
Blue (70%)



Red (50%)

Yellow (56%)

Blue (70%)

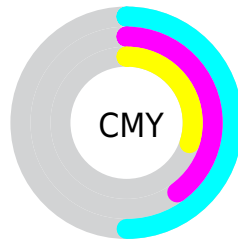


Cyan (29%)

Magenta (15%)

Yellow (0%)

Black (30%)



Cyan (50%)


Magenta (40%)


Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 16.771, 259.878 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, 16.771, 259.878 by changing the saturation by 10% instead.


 62, 16.771,
259.878


 62, 16.771,
259.878


 100, 16.771,
259.878


 52, 16.771,
259.878


 82, 16.771,
259.878

 42, 16.771,
259.878

 92, 16.771,
259.878

 32, 16.771,
259.878

 22, 16.771,
259.878

 12, 16.771,
259.878

 2, 16.771, 259.878

 0, 16.771, 259.878

62, 16.771,
259.878

62, 16.771,
259.878

58, 22.367,
261.987

66, 11.076,
258.104

55, 27.854,
264.498

69, 5.305, 256.635

73, 0.520, 74.648

51, 33.234,
267.459

77, 6.378, 74.162

48, 38.535,
270.904

81, 12.247, 73.257

45, 43.812,
274.823

84, 18.112, 72.462

88, 23.957, 71.766

42, 49.148,
279.133

91, 26.518, 81.047

39, 54.644,
283.567

93, 29.198, 90.825

39, 55.154,

283.942

Harmonies

Complementary

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



62, 16.771, 259.878



65, 18.152, 71.835

Rectangle

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



62, 16.771, 259.878



62, 16.771, 309.878



62, 16.771, 79.878



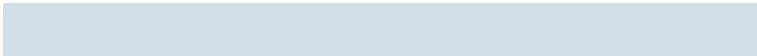
62, 16.771, 129.878

Sweetspot

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



62, 16.770, 259.875



88, 6.490, 256.642



69, 24.325, 160.142



46, 4.543, 256.835



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, 16.770, 259.875



76, 24.832, 261.205



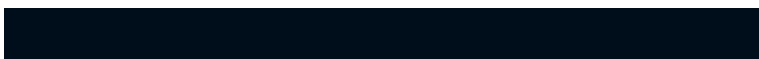
55, 29.389, 293.050



36, 3.299, 256.664



33, 48.604, 283.341



3, 8.800, 266.075

Inverse Universe

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



59, 24.878, 346.300



72, 37.053, 347.033



71, 27.482, 106.688



35, 4.757, 344.367



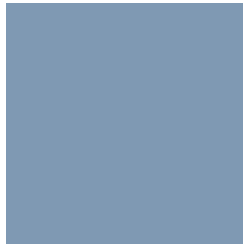
32, 57.951, 1.306



2, 10.606, 349.857

Previews

White Background



This preview shows how the CIELCh color 62, 16.771, 259.878 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, 16.771, 259.878 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

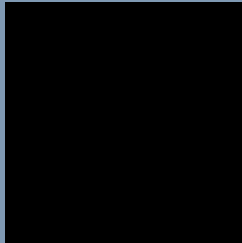
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

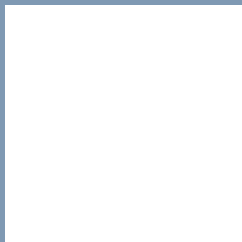
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 16.771, 259.878

Background



This preview shows how black text looks on a background with the CIELCh color 62, 16.771, 259.878.



This preview shows how white text looks on a background with the CIELCh color 62, 16.771, 259.878.

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, 16.771, 259.878

Protanopia

62, 15.763, 286.737

Deuteranopia

62, 19.175, 295.416



Tritanopia
62, 12.597, 231.088

Trichromacy



Original Color
62, 16.771, 259.878

Protanomaly
62, 15.606, 276.224

Deuteranomaly
62, 18.082, 284.391

Tritanomaly
62, 13.624, 243.464

Monochromacy



Original Color
62, 16.771, 259.878

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, 16.771, 259.878 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, 179)` looks like.

```
.text, #text, p{  
    color:rgb(127, 153, 179)  
}
```

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, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 153, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 16.771, 259.878 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, 179) }
```

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

```
.border{ border-color:rgb(127, 153, 179) }
```

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, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 153, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 153, 179);  
box-shadow:4px 4px 4px 4px rgb(127, 153,  
179) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 16.771, 259.878 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, 179) }
```

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

```
.background{ background-color: rgb(127,  
153, 179) }
```

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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