

Converting Colors

CIELCh(62, 27.436, 265.476)

Have a look what the booklet for
CIELCh(62, 27.436, 265.476)
contains.

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Color

CIELCh(62, 27.668, 265.646)

Conversions

Conversions Part 1

Format	Color
Hex	7099C6
RGB	112, 153, 198
RGB Percent	44%, 60%, 78%
CMY	0.5599, 0.3991, 0.2226
CMYK	0.43, 0.23, 0.00, 0.22
HSL	211°, 43%, 61%
HSV	211°, 43%, 78%
XYZ	28.3585, 30.4025, 57.9409
YIQ	145.8710, -38.8810, 5.3030

Conversions

Conversions Part 2

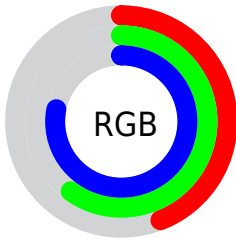
Format	Color
RYB	112, 140, 198
Decimal	7379398
CIELab	62.00, -2.10, -27.59
CIElCh	62, 27.668, 265.646
Yxy	30.4025, 0.2430, 0.2605
Android (android.graphics.Color)	4285569478 (0xFF7099C6)
YUV	145.8710, 25.6996, -29.7049
Hunter-Lab	55.1385, -4.6874, -23.7065

Details

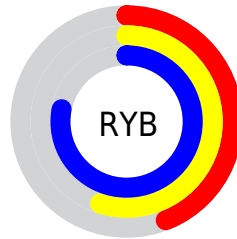
The CIELCh color $62, 27.668, 265.646$ is a light color, and the websafe version is hex $6699CC$. A complement of this color would be $68, 30.749, 72.363$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 27.804, 265.983$, and $42, 27.738, 266.028$ is the 20% darker color. If you saturate the color by 10%, you get $58, 33.855, 268.372$, and if you desaturate by 10%, it is $66, 21.400, 263.337$.

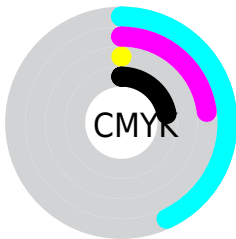
Distribution



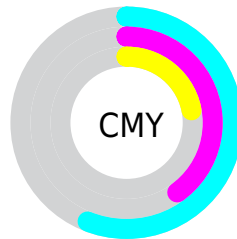
- Red (44%)
- Green (60%)
- Blue (78%)



- Red (44%)
- Yellow (55%)
- Blue (78%)



- Cyan (43%)
- Magenta (23%)
- Yellow (0%)
- Black (22%)





- Cyan (56%)
- Magenta (40%)
- Yellow (22%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 27.668, 265.646 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, 27.668, 265.646 by changing the saturation by 10% instead.

 62, 27.668,
265.646


 62, 27.668,
265.646


 100, 27.668,
265.646


 52, 27.668,
265.646


 82, 27.668,
265.646

 42, 27.668,
265.646

 92, 27.668,
265.646

 32, 27.668,
265.646

 22, 27.668,
265.646

 12, 27.668,
265.646

 2, 27.668, 265.646

 0, 27.668, 265.646

62, 27.668,
265.646

62, 27.668,
265.646

58, 33.855,
268.372

66, 21.400,
263.337

54, 39.982,
271.560

70, 15.056,
261.393

50, 46.096,
275.219

74, 8.648, 259.763

47, 52.271,
279.299

79, 2.197, 258.485

83, 4.276, 77.057

44, 58.589,
283.665

87, 10.752, 76.087

42, 62.895,
286.508

91, 17.213, 75.218

94, 20.744, 88.464

97, 24.758,
100.869

Harmonies

Complementary

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



62, 27.668, 265.646



68, 30.749, 72.363

Rectangle

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



62, 27.668, 265.646



62, 27.668, 315.646



62, 27.668, 85.646



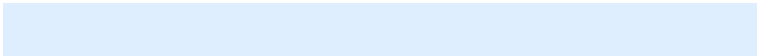
62, 27.668, 135.646

Sweetspot

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



62, 27.667, 265.645



93, 10.305, 259.735



74, 37.789, 160.164



49, 7.206, 260.073



0, 0.000, 0.000



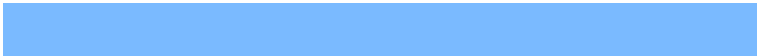
53, 0.007, 296.813

Same Dimension

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



62, 27.667, 265.645



74, 40.470, 268.194



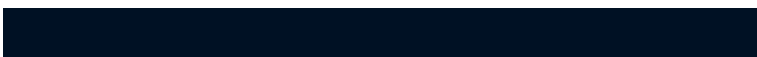
51, 50.075, 296.605



40, 3.679, 259.194



34, 53.661, 285.837



5, 14.398, 272.238

Inverse Universe

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



58, 39.781, 349.470



69, 57.847, 350.896



78, 44.669, 106.814



39, 5.122, 345.677



35, 60.545, 3.769



4, 17.639, 354.399

Previews

White Background



This preview shows how the CIELCh color 62, 27.668, 265.646 looks on a white background.

Color Contrast Check

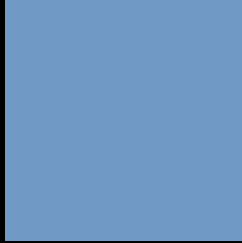
Large Text (above 18pt) WCAG AA × Fail

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, 27.668, 265.646 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

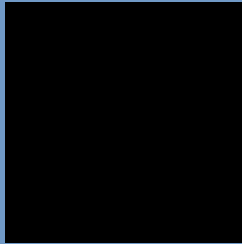
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

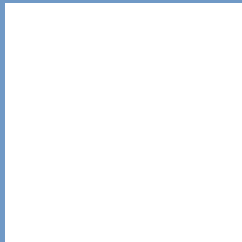
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 27.668, 265.646

Background



This preview shows how black text looks on a background with the CIELCh color 62, 27.668, 265.646.

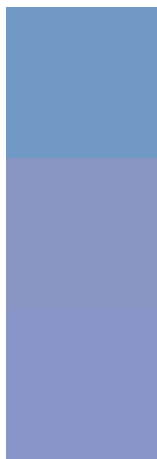


This preview shows how white text looks on a background with the CIELCh color 62, 27.668, 265.646.

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, 27.668, 265.646

Protanopia

62, 25.965, 284.905

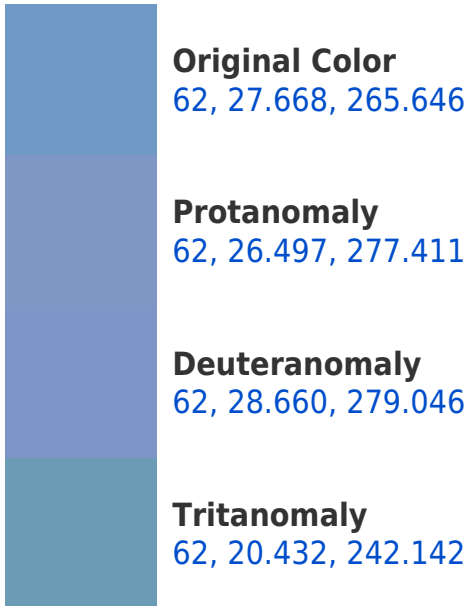
Deuteranopia

62, 29.860, 286.529

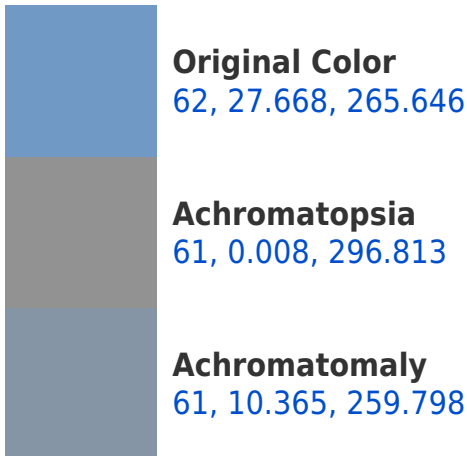


Tritanopia
62, 18.738, 221.125

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 27.668, 265.646 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(112, 153, 198)` looks like.

```
.text, #text, p{  
    color:rgb(112, 153, 198)  
}
```

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(112, 153, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 153, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 27.668, 265.646 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(112, 153, 198) }
```

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

```
.border{ border-color:rgb(112, 153, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 153, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 153, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 153, 198);  
box-shadow:4px 4px 4px 4px rgb(112, 153,  
198) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 27.668, 265.646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 153, 198) }
```

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

```
.background{ background-color: rgb(112,  
153, 198) }
```

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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