

Converting Colors

CIELCh(62, 23.350, 259.189)

Have a look what the booklet for
CIELCh(62, 23.350, 259.189)
contains.

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Color

CIELCh(62, 23.368, 259.235)

Conversions

Conversions Part 1

Format	Color
Hex	729ABE
RGB	114, 154, 190
RGB Percent	45%, 60%, 75%
CMY	0.5530, 0.3961, 0.2549
CMYK	0.40, 0.19, 0.00, 0.25
HSL	208°, 37%, 60%
HSV	208°, 40%, 75%
XYZ	27.7858, 30.4025, 53.1143
YIQ	146.1440, -35.3960, 2.7160

Conversions

Conversions Part 2

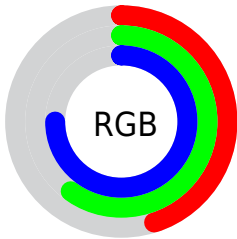
Format	Color
RYB	114, 140, 190
Decimal	7510718
CIELab	62.00, -4.36, -22.96
CIElCh	62, 23.368, 259.235
Yxy	30.4025, 0.2496, 0.2732
Android (android.graphics.Color)	4285700798 (0xFF729ABE)
YUV	146.1440, 21.6210, -28.1903
Hunter-Lab	55.1385, -6.5413, -18.5164

Details

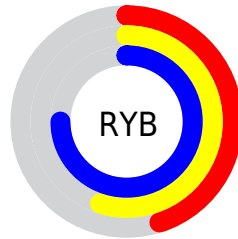
The CIELCh color $62, 23.368, 259.235$ is a light color, and the websafe version is hex $6699CC$. A complement of this color would be $65, 26.683, 67.754$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 23.343, 259.091$, and $42, 23.635, 259.749$ is the 20% darker color. If you saturate the color by 10%, you get $58, 28.860, 261.790$, and if you desaturate by 10%, it is $66, 17.714, 257.094$.

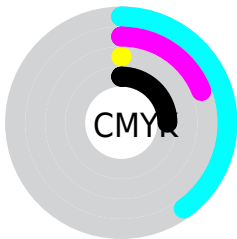
Distribution



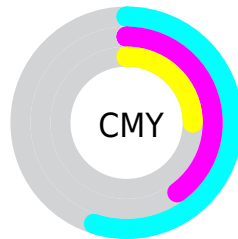
- Red (45%)
- Green (60%)
- Blue (75%)



- Red (45%)
- Yellow (55%)
- Blue (75%)



- Cyan (40%)
- Magenta (19%)
- Yellow (0%)
- Black (25%)





- Cyan (55%)
- Magenta (40%)
- Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 23.368, 259.235 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, 23.368, 259.235 by changing the saturation by 10% instead.


 62, 23.368,
259.235


 62, 23.368,
259.235


 100, 23.368,
259.235


 52, 23.368,
259.235


 82, 23.368,
259.235

 42, 23.368,
259.235

 92, 23.368,
259.235

 32, 23.368,
259.235

 22, 23.368,
259.235

 12, 23.368,
259.235

 2, 23.368, 259.235

 0, 23.368, 259.235

62, 23.368,
259.235

62, 23.368,
259.235

58, 28.860,
261.790

66, 17.714,
257.094

55, 34.192,
264.822

69, 11.918,
255.311

52, 39.391,
268.367

73, 6.006, 253.839

48, 44.521,
272.414

77, 0.010, 295.152

81, 6.051, 71.378

45, 49.677,
276.879

85, 12.143, 70.495

43, 54.990,
281.459

89, 18.248, 69.720

91, 21.764, 77.678

94, 24.331, 89.859

Harmonies

Complementary

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



62, 23.368, 259.235



65, 26.683, 67.754

Rectangle

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



62, 23.368, 259.235



62, 23.368, 309.235



62, 23.368, 79.235



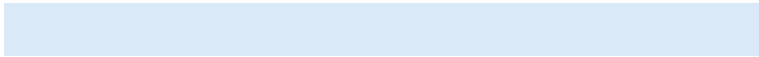
62, 23.368, 129.235

Sweetspot

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



62, 23.367, 259.234



92, 8.914, 254.135



71, 35.253, 158.052



49, 5.955, 254.321



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



62, 23.367, 259.234



75, 34.378, 261.453



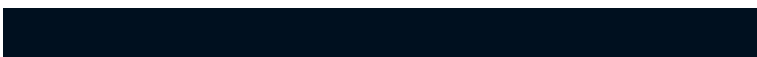
52, 42.680, 294.253



38, 3.386, 253.754



35, 47.368, 280.755



4, 11.252, 266.180

Inverse Universe

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



57, 36.500, 346.070



69, 53.801, 347.202



75, 38.770, 104.872



37, 5.069, 342.970



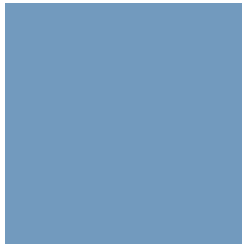
34, 59.684, 359.003



3, 14.163, 350.055

Previews

White Background



This preview shows how the CIELCh color 62, 23.368, 259.235 looks on a white background.

Color Contrast Check

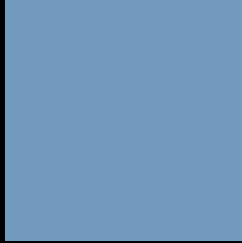
Large Text (above 18pt) WCAG AA × Fail

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, 23.368, 259.235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

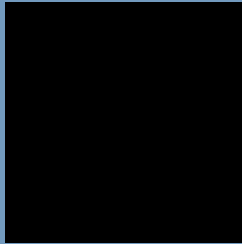
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

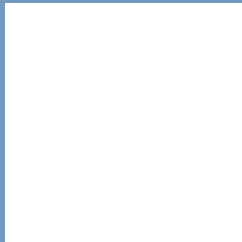
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 23.368, 259.235

Background



This preview shows how black text looks on a background with the CIELCh color 62, 23.368, 259.235.



This preview shows how white text looks on a background with the CIELCh color 62, 23.368, 259.235.

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, 23.368, 259.235

Protanopia

62, 21.441, 285.177

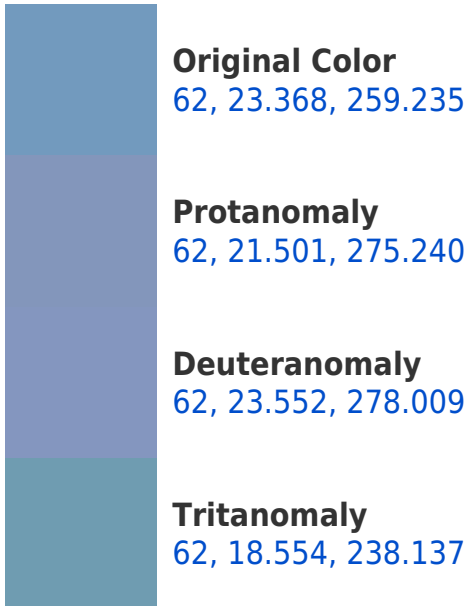
Deuteranopia

62, 25.286, 289.091

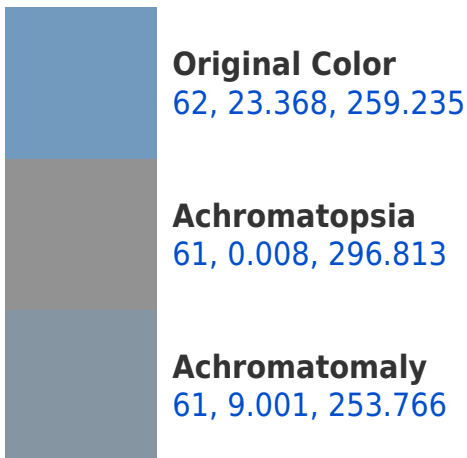


Tritanopia
62, 17.426, 223.095

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 23.368, 259.235 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(114, 154, 190)` looks like.

```
.text, #text, p{  
    color:rgb(114, 154, 190)  
}
```

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(114, 154, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 154, 190) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 23.368, 259.235 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(114, 154, 190) }
```

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

```
.border{ border-color:rgb(114, 154, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 154, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 154, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 154, 190);  
box-shadow:4px 4px 4px 4px rgb(114, 154,  
190) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 23.368, 259.235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 154, 190) }
```

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

```
.background{ background-color: rgb(114,  
154, 190) }
```

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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