

Converting Colors

CIELCh(63, 23.344, 265.153)

Have a look what the booklet for
CIELCh(63, 23.344, 265.153)
contains.

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Color

CIELCh(63, 23.349, 265.308)

Conversions

Conversions Part 1

Format	Color
Hex	7A9BC1
RGB	122, 155, 193
RGB Percent	48%, 61%, 76%
CMY	0.5202, 0.3908, 0.2417
CMYK	0.37, 0.20, 0.00, 0.24
HSL	212°, 37%, 62%
HSV	212°, 37%, 76%
XYZ	29.5201, 31.5869, 55.2039
YIQ	149.4650, -31.8660, 4.8220

Conversions

Conversions Part 2

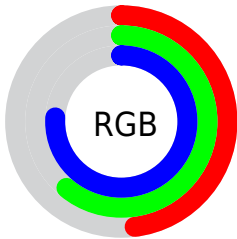
Format	Color
R_{YB}	122, 145, 193
Decimal	8035265
CIE _{Lab}	63.00, -1.91, -23.27
CIE _{LCh}	63, 23.349, 265.308
Yxy	31.5869, 0.2538, 0.2716
Android (android.graphics.Color)	4286225345 (0xFF7A9BC1)
YUV	149.4650, 21.4628, -24.0868
Hunter-Lab	56.2022, -4.5973, -18.8952

Details

The CIELCh color $63, 23.349, 265.308$ is a light color, and the websafe version is hex $6699CC$. A complement of this color would be $68, 25.301, 74.438$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 23.722, 265.801$, and $43, 23.161, 265.185$ is the 20% darker color. If you saturate the color by 10%, you get $59, 29.589, 267.739$, and if you desaturate by 10%, it is $67, 17.048, 263.251$.

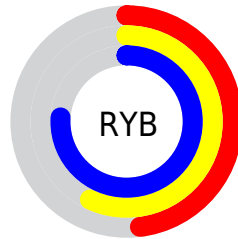
Distribution



Red (48%)

Green (61%)

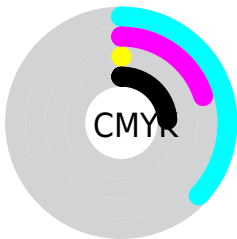
Blue (76%)



Red (48%)

Yellow (57%)

Blue (76%)

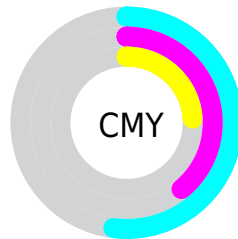


Cyan (37%)

Magenta (20%)

Yellow (0%)

Black (24%)



Cyan (52%)


Magenta (39%)


Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 23.349, 265.308 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 63, 23.349, 265.308 by changing the saturation by 10% instead.


 63, 23.349,
265.308


 63, 23.349,
265.308


 100, 23.349,
265.308


 53, 23.349,
265.308


 83, 23.349,
265.308

 43, 23.349,
265.308

 93, 23.349,
265.308

 33, 23.349,
265.308

 23, 23.349,
265.308

 13, 23.349,
265.308

 3, 23.349, 265.308

 0, 23.349, 265.308

63, 23.349,
265.308

63, 23.349,
265.308

59, 29.589,
267.739

67, 17.048,
263.251

55, 35.777,
270.598

71, 10.697,
261.520

51, 41.942,
273.916

75, 4.311, 260.088

48, 48.137,
277.683

80, 2.091, 78.594

84, 8.491, 77.635

44, 54.438,
281.821

88, 14.873, 76.720

41, 60.914,
286.150

92, 20.656, 78.350

94, 23.799, 92.627

40, 63.092,
287.493

97, 28.038,
102.947

Harmonies

Complementary

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



63, 23.349, 265.308



68, 25.301, 74.438

Rectangle

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



63, 23.349, 265.308



63, 23.349, 315.308



63, 23.349, 85.308



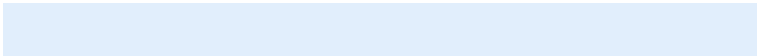
63, 23.349, 135.308

Sweetspot

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



63, 23.348, 265.307



93, 8.748, 260.686



73, 31.220, 161.895



50, 5.924, 260.886



0, 0.000, 0.000



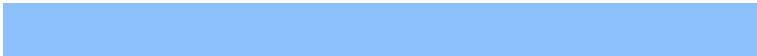
53, 0.007, 296.813

Same Dimension

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



63, 23.348, 265.307



77, 34.628, 267.216



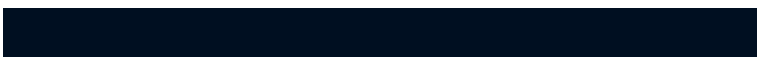
54, 40.955, 295.950



39, 3.639, 260.435



33, 54.221, 286.852



4, 13.309, 272.180

Inverse Universe

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



60, 32.862, 349.303



72, 48.750, 350.392



77, 37.349, 108.165



38, 4.974, 346.353



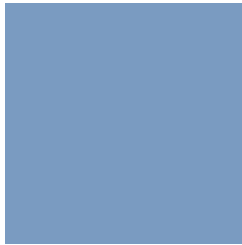
34, 59.794, 4.847



3, 15.540, 354.435

Previews

White Background



This preview shows how the CIELCh color 63, 23.349, 265.308 looks on a white background.

Color Contrast Check

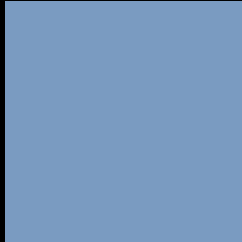
Large Text (above 18pt) WCAG AA × Fail

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 63, 23.349, 265.308 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

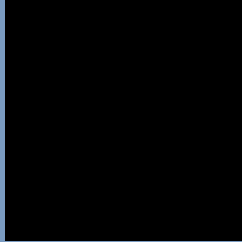
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

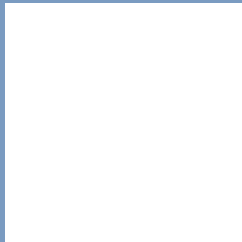
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 63, 23.349, 265.308

Background



This preview shows how black text looks on a background with the CIELCh color 63, 23.349, 265.308.

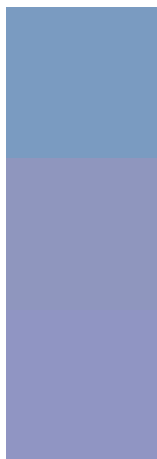


This preview shows how white text looks on a background with the CIELCh color 63, 23.349, 265.308.

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


63, 23.349, 265.308

Protanopia

63, 22.465, 286.504

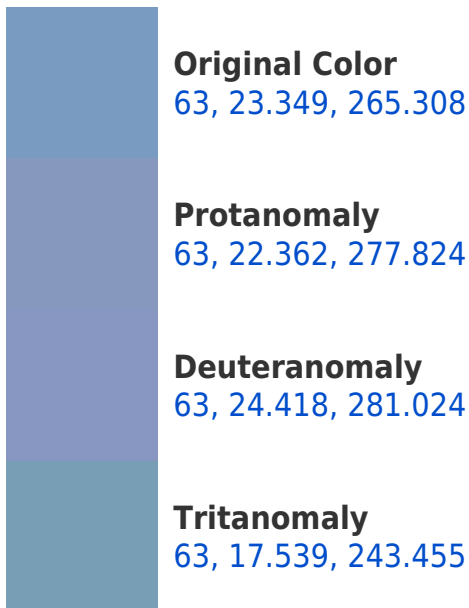
Deuteranopia

63, 25.781, 289.203

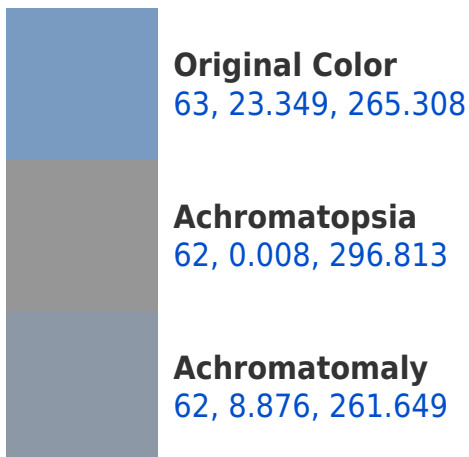


Tritanopia
63, 15.801, 225.914

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 23.349, 265.308 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(122, 155, 193)` looks like.

```
.text, #text, p{  
    color:rgb(122, 155, 193)  
}
```

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(122, 155, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 155, 193) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 23.349, 265.308 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(122, 155, 193) }
```

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

```
.border{ border-color:rgb(122, 155, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 155, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 155, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 155, 193);  
box-shadow:4px 4px 4px 4px rgb(122, 155,  
193) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 23.349, 265.308 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 155, 193) }
```

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

```
.background{ background-color: rgb(122,  
155, 193) }
```

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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