

Converting Colors

CIELCh(63, 23.221, 279.892)

Have a look what the booklet for
CIELCh(63, 23.221, 279.892)
contains.

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Color

CIELCh(63, 23.308, 280.253)

Conversions

Conversions Part 1

Format	Color
Hex	8998C1
RGB	137, 152, 193
RGB Percent	54%, 60%, 76%
CMY	0.4631, 0.4042, 0.2435
CMYK	0.29, 0.21, 0.00, 0.24
HSL	224°, 31%, 65%
HSV	224°, 29%, 76%
XYZ	31.1332, 31.5869, 54.8568
YIQ	152.1890, -22.1010, 9.5710

Conversions

Conversions Part 2

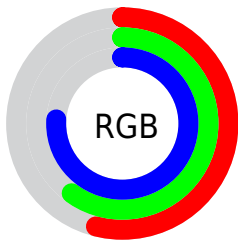
Format	Color
RYB	137, 149, 193
Decimal	9017537
CIELab	63.00, 4.15, -22.94
CIElCh	63, 23.308, 280.253
Yxy	31.5869, 0.2648, 0.2686
Android (android.graphics.Color)	4287207617 (0xFF8998C1)
YUV	152.1890, 20.1198, -13.3208
Hunter-Lab	56.2022, 0.5260, -18.5290

Details

The CIELCh color `63, 23.308, 280.253` is a light color, and the websafe version is hex `9999CC`. A complement of this color would be `73, 22.958, 92.449`, and the grayscale version is `63, 0.008, 296.813`.

A 20% lighter version of the original color is `83, 23.632, 280.279`, and `43, 23.277, 280.037` is the 20% darker color. If you saturate the color by 10%, you get `58, 31.725, 282.206`, and if you desaturate by 10%, it is `68, 15.100, 278.580`.

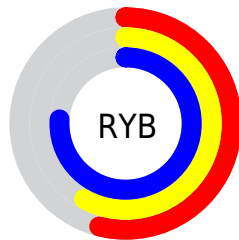
Distribution



Red (54%)

Green (60%)

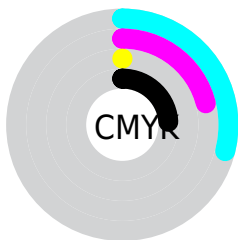
Blue (76%)



Red (54%)

Yellow (58%)

Blue (76%)

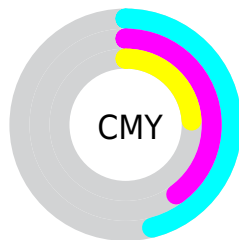


Cyan (29%)

Magenta (21%)

Yellow (0%)

Black (24%)



Cyan (46%)


Magenta (40%)


Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 23.308, 280.253 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, 23.308, 280.253 by changing the saturation by 10% instead.


 63, 23.308,
280.253


 63, 23.308,
280.253


 100, 23.308,
280.253


 53, 23.308,
280.253


 83, 23.308,
280.253

 43, 23.308,
280.253

 93, 23.308,
280.253

 33, 23.308,
280.253

 23, 23.308,
280.253

 13, 23.308,
280.253

 3, 23.308, 280.253

 0, 23.308, 280.253

■ 63, 23.308,
280.253

■ 63, 23.308,
280.253

■ 58, 31.725,
282.206

■ 68, 15.100,
278.580

■ 53, 40.378,
284.480

■ 73, 7.086, 277.158

■ 79, 0.746, 95.638

■ 48, 49.297,
287.095

■ 84, 8.404, 94.805

■ 43, 58.498,
290.038

■ 89, 15.895, 93.889

■ 38, 67.950,
293.239

■ 94, 23.221, 93.081

■ 98, 29.289,
104.777

■ 34, 77.485,
296.544

■ 99, 31.264,
107.799

■ 30, 86.717,
299.674

■ 30, 87.584,

299.945

Harmonies

Complementary

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



63, 23.308, 280.253



73, 22.958, 92.449

Rectangle

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



63, 23.308, 280.253



63, 23.308, 330.253



63, 23.308, 100.253



63, 23.308, 150.253

Sweetspot

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



63, 23.307, 280.252



92, 8.719, 277.173



74, 21.672, 174.308



48, 6.067, 277.367



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



63, 23.307, 280.252



76, 34.954, 281.492



60, 32.047, 300.932



38, 4.469, 277.203



25, 75.455, 299.508



3, 15.895, 282.594

Inverse Universe

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



63, 23.599, 1.410



76, 35.446, 2.374



76, 30.083, 116.715



38, 4.450, 359.046



33, 62.846, 23.282



3, 14.497, 5.103

Previews

White Background



This preview shows how the CIELCh color 63, 23.308, 280.253 looks on a white background.

Color Contrast Check

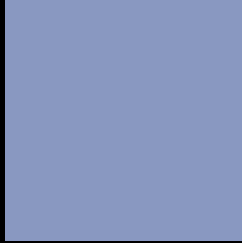
Large Text (above 18pt) WCAG AA × Fail

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 63, 23.308, 280.253 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

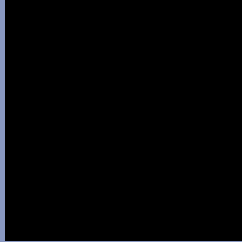
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

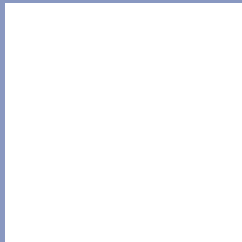
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 63, 23.308, 280.253

Background



This preview shows how black text looks on a background with the CIELCh color 63, 23.308, 280.253.



This preview shows how white text looks on a background with the CIELCh color 63, 23.308, 280.253.

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, 23.308, 280.253

Protanopia

63, 23.053, 285.063

Deuteranopia

63, 24.656, 289.671



Tritanopia
63, 11.022, 240.330

Trichromacy



Original Color
63, 23.308, 280.253

Protanomaly
63, 23.131, 283.443

Deuteranomaly
63, 24.153, 286.365

Tritanomaly
63, 14.564, 261.533

Monochromacy



Original Color
63, 23.308, 280.253

Achromatopsia
63, 0.008, 296.813

Achromatomaly
63, 8.556, 278.737

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 23.308, 280.253 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(137, 152, 193)` looks like.

```
.text, #text, p{  
    color:rgb(137, 152, 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(137, 152, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 152, 193) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 23.308, 280.253 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(137, 152, 193) }
```

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

```
.border{ border-color:rgb(137, 152, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 152, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 152, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 152, 193);  
box-shadow:4px 4px 4px 4px rgb(137, 152,  
193) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 23.308, 280.253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 152, 193) }
```

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

```
.background{ background-color: rgb(137,  
152, 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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