

Converting Colors

CIELCh(63, 28.375, 269.922)

Have a look what the booklet for
CIELCh(63, 28.375, 269.922)
contains.

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Color

CIELCh(63, 28.068, 269.440)

Conversions

Conversions Part 1

Format	Color
Hex	779BCA
RGB	119, 155, 202
RGB Percent	47%, 61%, 79%
CMY	0.5337, 0.3925, 0.2082
CMYK	0.41, 0.23, 0.00, 0.21
HSL	214°, 44%, 63%
HSV	214°, 41%, 79%
XYZ	29.9499, 31.5869, 60.3355
YIQ	149.5940, -36.5430, 6.9850

Conversions

Conversions Part 2

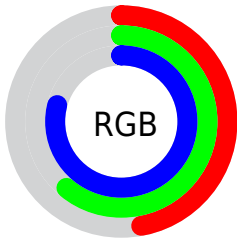
Format	Color
R _Y B	119, 144, 202
Decimal	7838666
CIE Lab	63.00, -0.27, -28.07
CIE LCh	63, 28.068, 269.440
Yxy	31.5869, 0.2457, 0.2592
Android (android.graphics.Color)	4286028746 (0xFF779BCA)
YUV	149.5940, 25.8362, -26.8309
Hunter-Lab	56.2022, -3.2321, -24.3088

Details

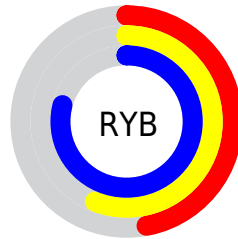
The CIELCh color `63, 28.068, 269.440` is a light color, and the websafe version is hex `6699CC`. A complement of this color would be `70, 30.075, 76.832`, and the grayscale version is `62, 0.008, 296.813`.

A 20% lighter version of the original color is `83, 26.275, 267.613`, and `43, 28.262, 269.518` is the 20% darker color. If you saturate the color by 10%, you get `59, 34.878, 272.042`, and if you desaturate by 10%, it is `67, 21.248, 267.226`.

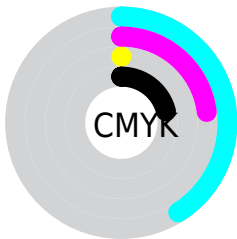
Distribution



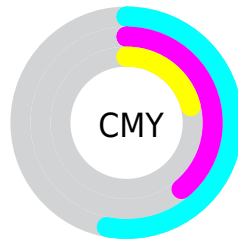
- Red (47%)
- Green (61%)
- Blue (79%)



- Red (47%)
- Yellow (56%)
- Blue (79%)



- Cyan (41%)
- Magenta (23%)
- Yellow (0%)
- Black (21%)



- Cyan (53%)
- Magenta (39%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 28.068, 269.440 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, 28.068, 269.440 by changing the saturation by 10% instead.

■ 63, 28.068,
269.440

■ 63, 28.068,
269.440

■ 100, 28.068,
269.440

■ 53, 28.068,
269.440

■ 83, 28.068,
269.440

■ 43, 28.068,
269.440

■ 93, 28.068,
269.440

■ 33, 28.068,
269.440

■ 23, 28.068,
269.440

■ 13, 28.068,
269.440

■ 3, 28.068, 269.440

■ 0, 28.068, 269.440

■ 63, 28.068,
269.440

■ 63, 28.068,
269.440

■ 59, 34.878,
272.042

■ 67, 21.248,
267.226

■ 54, 41.704,
275.074

■ 72, 14.419,
265.351

■ 50, 48.587,
278.543

■ 76, 7.586, 263.773

■ 47, 55.592,
282.404

■ 81, 0.762, 262.786

■ 85, 6.038, 81.147

■ 43, 62.775,
286.532

■ 90, 12.801, 80.167

■ 40, 69.337,
290.173

■ 94, 18.584, 84.677

■ 97, 22.822,
100.209

■ 99, 26.783,
108.144

Harmonies

Complementary

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



63, 28.068, 269.440



70, 30.075, 76.832

Rectangle

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



63, 28.068, 269.440



63, 28.068, 319.440



63, 28.068, 89.440



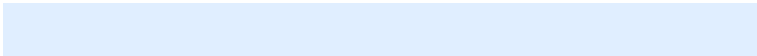
63, 28.068, 139.440

Sweetspot

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



63, 28.067, 269.439



93, 9.906, 263.927



75, 35.476, 162.264



49, 6.571, 264.123



0, 0.000, 0.000



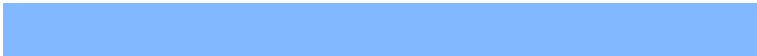
53, 0.007, 296.813

Same Dimension

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



63, 28.067, 269.439



74, 40.420, 271.643



54, 47.940, 297.173



41, 3.907, 263.533



33, 58.995, 289.546



5, 16.394, 276.370

Inverse Universe

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



60, 37.476, 351.843



70, 53.682, 353.184



79, 43.113, 108.531



40, 5.088, 348.159



35, 61.171, 7.943



4, 19.334, 357.565

Previews

White Background



This preview shows how the CIELCh color 63, 28.068, 269.440 looks on a white background.

Color Contrast Check

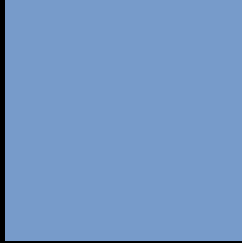
Large Text (above 18pt) WCAG AA × Fail

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, 28.068, 269.440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

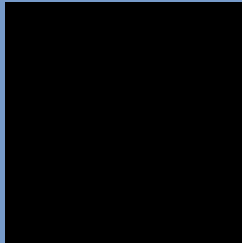
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

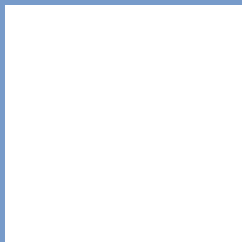
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 63, 28.068, 269.440

Background



This preview shows how black text looks on a background with the CIELCh color 63, 28.068, 269.440.

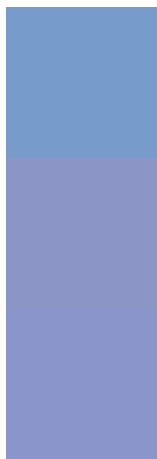


This preview shows how white text looks on a background with the CIELCh color 63, 28.068, 269.440.

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, 28.068, 269.440

Protanopia

63, 27.004, 285.349

Deuteranopia

63, 29.786, 285.850



Tritanopia
63, 17.676, 222.622

Trichromacy



Original Color
63, 28.068, 269.440

Protanomaly
63, 26.838, 279.039

Deuteranomaly
63, 29.040, 279.891

Tritanomaly
63, 19.954, 245.720

Monochromacy



Original Color
63, 28.068, 269.440

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 10.496, 264.798

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 28.068, 269.440 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(119, 155, 202)` looks like.

```
.text, #text, p{  
    color:rgb(119, 155, 202)  
}
```

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(119, 155, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 155, 202) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 28.068, 269.440 is called "border". The border property can be set on classes, ids or directly on the HTML element.

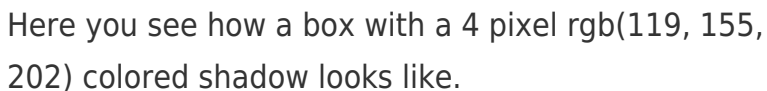
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(119, 155, 202) }
```

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

```
.border{ border-color:rgb(119, 155, 202) }
```

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



Here you see how a box with a 4 pixel `rgb(119, 155, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(119, 155, 202); -webkit-box-shadow:4px 4px 4px 4px rgb(119, 155, 202); box-shadow:4px 4px 4px 4px rgb(119, 155, 202) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 28.068, 269.440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 155, 202) }
```

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

```
.background{ background-color: rgb(119,  
155, 202) }
```

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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