

Converting Colors

CIELCh(63, 31.674, 275.741)

Have a look what the booklet for
CIELCh(63, 31.674, 275.741)
contains.

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Color

CIELCh(63, 31.775, 276.015)

Conversions

Conversions Part 1

Format	Color
Hex	7A99D0
RGB	122, 153, 208
RGB Percent	48%, 60%, 82%
CMY	0.5206, 0.3990, 0.1833
CMYK	0.41, 0.26, 0.00, 0.18
HSL	218°, 48%, 65%
HSV	218°, 41%, 82%
XYZ	30.9118, 31.5869, 64.3132
YIQ	150.0010, -36.1310, 10.5330

Conversions

Conversions Part 2

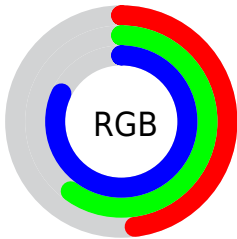
Format	Color
R _Y B	122, 145, 208
Decimal	8034768
CIE Lab	63.00, 3.33, -31.60
CIE LCh	63, 31.775, 276.015
Yxy	31.5869, 0.2438, 0.2491
Android (android.graphics.Color)	4286224848 (0xFF7A99D0)
YUV	150.0010, 28.5935, -24.5569
Hunter-Lab	56.2022, -0.1772, -28.5050

Details

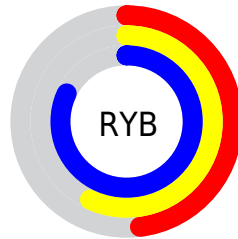
The CIELCh color `63, 31.775, 276.015` is a light color, and the websafe version is hex `6699CC`. A complement of this color would be `74, 32.491, 83.453`, and the grayscale version is `62, 0.008, 296.813`.

A 20% lighter version of the original color is `82, 26.760, 271.728`, and `43, 31.715, 276.079` is the 20% darker color. If you saturate the color by 10%, you get `58, 39.735, 278.537`, and if you desaturate by 10%, it is `68, 23.931, 273.853`.

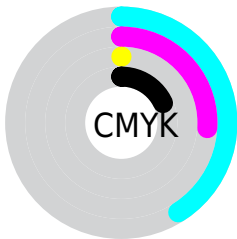
Distribution



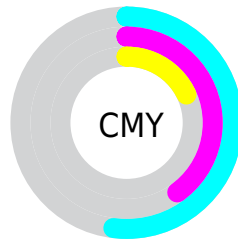
- Red (48%)
- Green (60%)
- Blue (82%)



- Red (48%)
- Yellow (57%)
- Blue (82%)



- Cyan (41%)
- Magenta (26%)
- Yellow (0%)
- Black (18%)



- Cyan (52%)
- Magenta (40%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 31.775, 276.015 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, 31.775, 276.015 by changing the saturation by 10% instead.

■ 63, 31.775,
276.015

■ 63, 31.775,
276.015

■ 100, 31.775,
276.015

■ 53, 31.775,
276.015

■ 83, 31.775,
276.015

■ 43, 31.775,
276.015

■ 93, 31.775,
276.015

■ 33, 31.775,
276.015

■ 23, 31.775,
276.015

■ 13, 31.775,
276.015

■ 3, 31.775, 276.015

■ 0, 31.775, 276.015

63, 31.775,
276.015

63, 31.775,
276.015

58, 39.735,
278.537

68, 23.931,
273.853

53, 47.845,
281.450

73, 16.187,
272.011

49, 56.146,
284.746

78, 8.538, 270.448

44, 64.671,
288.359

83, 0.982, 269.338

88, 6.477, 87.858

40, 73.392,
292.143

93, 13.833, 86.870

37, 81.041,
295.332

97, 19.694, 99.374

99, 23.598,
108.389

Harmonies

Complementary

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



63, 31.775, 276.015



74, 32.491, 83.453

Rectangle

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



63, 31.775, 276.015



63, 31.775, 326.015



63, 31.775, 96.015



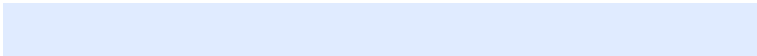
63, 31.775, 146.015

Sweetspot

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



63, 31.774, 276.015



93, 10.693, 270.570



78, 34.115, 167.207



49, 7.098, 270.764



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, 31.774, 276.015



71, 45.622, 278.345



56, 49.486, 299.680



41, 4.298, 270.183



30, 68.067, 294.750



4, 19.172, 281.809

Inverse Universe

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



61, 37.381, 356.770



69, 53.202, 358.417



81, 44.635, 112.263



41, 4.969, 352.735



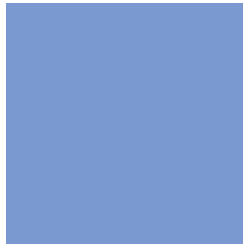
35, 62.642, 15.072



5, 20.765, 2.373

Previews

White Background



This preview shows how the CIE LCh color 63, 31.775, 276.015 looks on a white background.

Color Contrast Check

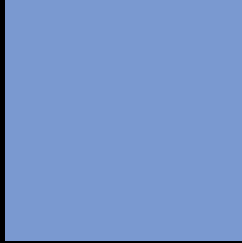
Large Text (above 18pt) WCAG AA × Fail

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, 31.775, 276.015 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

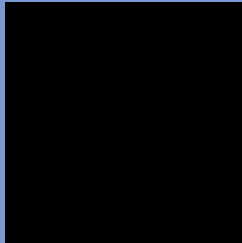
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

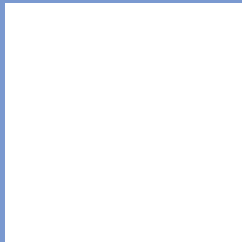
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 63, 31.775, 276.015

Background



This preview shows how black text looks on a background with the CIELCh color 63, 31.775, 276.015.



This preview shows how white text looks on a background with the CIELCh color 63, 31.775, 276.015.

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, 31.775, 276.015

Protanopia

63, 31.498, 285.361

Deuteranopia

63, 33.209, 284.968



Tritanopia
63, 17.142, 223.474

Trichromacy



Original Color
63, 31.775, 276.015

Protanomaly
63, 31.711, 282.073

Deuteranomaly
63, 32.839, 282.128

Tritanomaly
63, 20.310, 249.479

Monochromacy



Original Color
63, 31.775, 276.015

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 11.786, 271.904

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 31.775, 276.015 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, 153, 208)` looks like.

```
.text, #text, p{  
    color:rgb(122, 153, 208)  
}
```

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, 153, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 153, 208) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 31.775, 276.015 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, 153, 208) }
```

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

```
.border{ border-color:rgb(122, 153, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 153, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 153, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 153, 208);  
box-shadow:4px 4px 4px 4px rgb(122, 153,  
208) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 31.775, 276.015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 153, 208) }
```

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

```
.background{ background-color: rgb(122,  
153, 208) }
```

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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