

Converting Colors

CIELCh(62, 29.383, 272.786)

Have a look what the booklet for
CIELCh(62, 29.383, 272.786)
contains.

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Color

CIELCh(62, 29.412, 272.831)

Conversions

Conversions Part 1

Format	Color
Hex	7697C9
RGB	118, 151, 201
RGB Percent	46%, 59%, 79%
CMY	0.5354, 0.4061, 0.2099
CMYK	0.41, 0.25, 0.00, 0.21
HSL	216°, 44%, 63%
HSV	216°, 41%, 79%
XYZ	29.2729, 30.4025, 59.8797
YIQ	146.8330, -35.7180, 8.5540

Conversions

Conversions Part 2

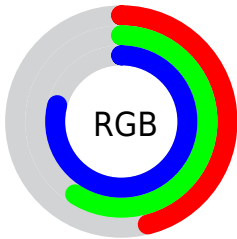
Format	Color
R _Y B	118, 142, 201
Decimal	7772105
CIE Lab	62.00, 1.45, -29.38
CIE LCh	62, 29.412, 272.831
Yxy	30.4025, 0.2448, 0.2543
Android (android.graphics.Color)	4285962185 (0xFF7697C9)
YUV	146.8330, 26.7043, -25.2865
Hunter-Lab	55.1385, -1.7272, -25.7913

Details

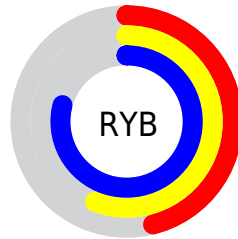
The CIELCh color `62, 29.412, 272.831` is a light color, and the websafe version is hex `6699CC`. A complement of this color would be `71, 30.764, 80.206`, and the grayscale version is `61, 0.008, 296.813`.

A 20% lighter version of the original color is `82, 27.959, 271.559`, and `42, 29.750, 273.212` is the 20% darker color. If you saturate the color by 10%, you get `57, 36.671, 275.394`, and if you desaturate by 10%, it is `67, 22.205, 270.641`.

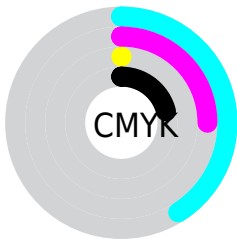
Distribution



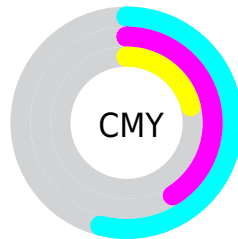
- Red (46%)
- Green (59%)
- Blue (79%)



- Red (46%)
- Yellow (56%)
- Blue (79%)



- Cyan (41%)
- Magenta (25%)
- Yellow (0%)
- Black (21%)



- Cyan (54%)
- Magenta (41%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 29.412, 272.831 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, 29.412, 272.831 by changing the saturation by 10% instead.

■ 62, 29.412,
272.831

■ 62, 29.412,
272.831

■ 100, 29.412,
272.831

■ 52, 29.412,
272.831

■ 82, 29.412,
272.831

■ 42, 29.412,
272.831

■ 92, 29.412,
272.831

■ 32, 29.412,
272.831

■ 22, 29.412,
272.831

■ 12, 29.412,
272.831

■ 2, 29.412, 272.831

■ 0, 29.412, 272.831

62, 29.412,
272.831

62, 29.412,
272.831

57, 36.671,
275.394

67, 22.205,
270.641

53, 44.011,
278.365

71, 15.042,
268.780

49, 51.477,
281.745

76, 7.923, 267.205

45, 59.117,
285.480

81, 0.854, 266.146

85, 6.156, 84.589

41, 66.957,
289.434

90, 13.099, 83.600

38, 73.990,
292.846

94, 19.254, 87.332

97, 24.008,
102.545

99, 26.995,
108.128

Harmonies

Complementary

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



62, 29.412, 272.831



71, 30.764, 80.206

Rectangle

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



62, 29.412, 272.831



62, 29.412, 322.831



62, 29.412, 92.831



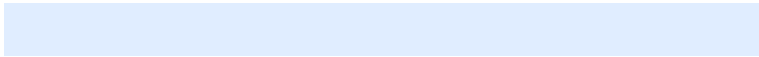
62, 29.412, 142.831

Sweetspot

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



62, 29.411, 272.831



93, 10.279, 267.345



75, 34.058, 165.161



49, 6.821, 267.541



0, 0.000, 0.000



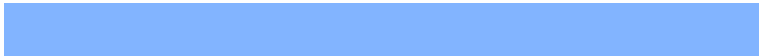
53, 0.007, 296.813

Same Dimension

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



62, 29.411, 272.831



73, 42.466, 274.978



54, 48.008, 298.659



41, 4.051, 266.952



31, 63.052, 292.262



4, 17.066, 278.684

Inverse Universe

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



60, 36.867, 354.234



70, 52.877, 355.640



79, 43.244, 110.785



40, 4.975, 350.375



35, 61.408, 11.456



4, 19.072, 359.684

Previews

White Background



This preview shows how the CIELCh color 62, 29.412, 272.831 looks on a white background.

Color Contrast Check

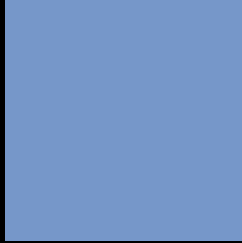
Large Text (above 18pt) WCAG AA × Fail

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, 29.412, 272.831 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

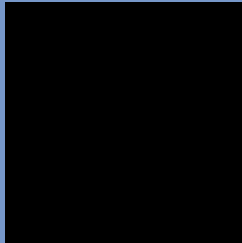
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

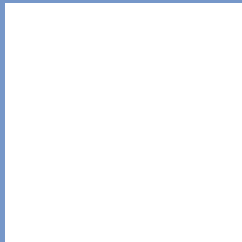
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 29.412, 272.831

Background



This preview shows how black text looks on a background with the CIELCh color 62, 29.412, 272.831.

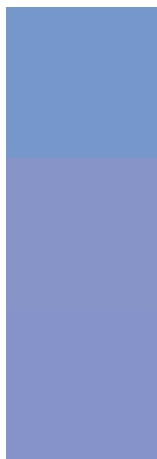


This preview shows how white text looks on a background with the CIELCh color 62, 29.412, 272.831.

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, 29.412, 272.831

Protanopia

62, 28.790, 284.833

Deuteranopia

62, 31.025, 285.787



Tritanopia
62, 17.160, 223.528

Trichromacy



Original Color
62, 29.412, 272.831

Protanomaly
62, 29.080, 280.577

Deuteranomaly
62, 30.213, 280.671

Tritanomaly
62, 19.598, 247.098

Monochromacy



Original Color
62, 29.412, 272.831

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 10.896, 267.963

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 29.412, 272.831 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(118, 151, 201)` looks like.

```
.text, #text, p{  
    color:rgb(118, 151, 201)  
}
```

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(118, 151, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 151, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 29.412, 272.831 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(118, 151, 201) }
```

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

```
.border{ border-color:rgb(118, 151, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 151, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 151, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 151, 201);  
box-shadow:4px 4px 4px 4px rgb(118, 151,  
201) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 29.412, 272.831 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 151, 201) }
```

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

```
.background{ background-color: rgb(118,  
151, 201) }
```

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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