

Converting Colors

CIELCh(62, 36.259, 277.836)

Have a look what the booklet for
CIELCh(62, 36.259, 277.836)
contains.

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Color

CIELCh(62, 36.259, 277.836)

Conversions

Conversions Part 1

Format	Color
Hex	7496D5
RGB	116, 150, 213
RGB Percent	45%, 59%, 84%
CMY	0.5444, 0.4111, 0.1640
CMYK	0.46, 0.30, 0.00, 0.16
HSL	219°, 54%, 65%
HSV	219°, 46%, 84%
XYZ	30.1902, 30.4025, 67.3447
YIQ	147.0160, -40.4870, 12.3850

Conversions

Conversions Part 2

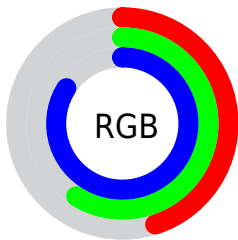
Format	Color
R _Y B	116, 141, 213
Decimal	7640789
CIE Lab	62.00, 4.94, -35.92
CIE LCh	62, 36.259, 277.836
Yxy	30.4025, 0.2360, 0.2376
Android (android.graphics.Color)	4285830869 (0xFF7496D5)
YUV	147.0160, 32.5301, -27.2010
Hunter-Lab	55.1385, 1.2424, -33.8183

Details

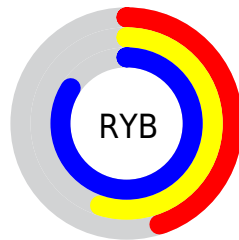
The CIELCh color `62, 36.259, 277.836` is a light color, and the websafe version is hex `6699CC`. A complement of this color would be `75, 36.876, 83.700`, and the grayscale version is `61, 0.008, 296.813`.

A 20% lighter version of the original color is `81, 28.466, 272.052`, and `42, 36.005, 277.344` is the 20% darker color. If you saturate the color by 10%, you get `57, 44.579, 280.510`, and if you desaturate by 10%, it is `67, 28.086, 275.535`.

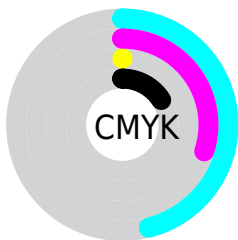
Distribution



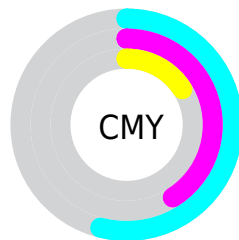
- Red (45%)
- Green (59%)
- Blue (84%)



- Red (45%)
- Yellow (55%)
- Blue (84%)



- Cyan (46%)
- Magenta (30%)
- Yellow (0%)
- Black (16%)



- Cyan (54%)
- Magenta (41%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 36.259, 277.836 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, 36.259, 277.836 by changing the saturation by 10% instead.

■ 62, 36.259,
277.836

■ 62, 36.259,
277.836

■ 100, 36.259,
277.836

■ 52, 36.259,
277.836

■ 82, 36.259,
277.836

■ 42, 36.259,
277.836

■ 92, 36.259,
277.836

■ 32, 36.259,
277.836

■ 22, 36.259,
277.836

■ 12, 36.259,
277.836

■ 2, 36.259, 277.836

■ 0, 36.259, 277.836

62, 36.259,
277.836

62, 36.259,
277.836

57, 44.579,
280.510

67, 28.086,
275.535

52, 53.086,
283.572

72, 20.038,
273.570

48, 61.820,
286.990

77, 12.101,
271.898

43, 70.784,
290.663

82, 4.271, 270.499

39, 79.881,
294.405

88, 3.450, 89.123

37, 83.967,
295.980

93, 11.060, 88.107

97, 17.488, 99.174

99, 21.133,
108.577

Harmonies

Complementary

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



62, 36.259, 277.836



75, 36.876, 83.700

Rectangle

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



62, 36.259, 277.836



62, 36.259, 327.836



62, 36.259, 97.836



62, 36.259, 147.836

Sweetspot

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



62, 36.258, 277.836



92, 12.627, 271.691



79, 37.953, 166.652



48, 8.729, 272.025



0, 0.000, 0.000



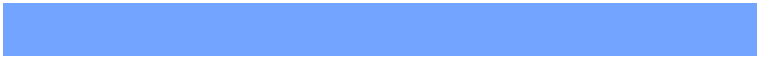
53, 0.007, 296.813

Same Dimension

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



62, 36.258, 277.836



68, 51.089, 280.527



54, 56.020, 300.270



42, 4.431, 271.011



30, 70.058, 295.398



5, 20.804, 283.428

Inverse Universe

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



61, 41.823, 358.186



67, 58.049, 0.181



83, 49.842, 111.962



42, 5.040, 353.387



36, 63.549, 16.084



5, 22.470, 3.544

Previews

White Background



This preview shows how the CIELCh color 62, 36.259, 277.836 looks on a white background.

Color Contrast Check

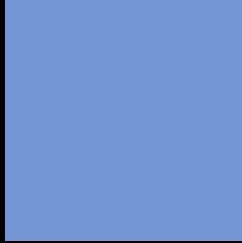
Large Text (above 18pt) WCAG AA × Fail

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, 36.259, 277.836 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

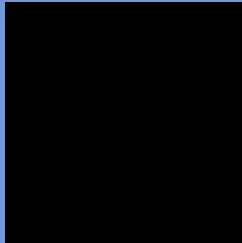
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

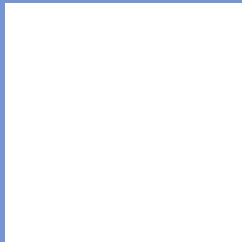
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 36.259, 277.836

Background



This preview shows how black text looks on a background with the CIELCh color 62, 36.259, 277.836.

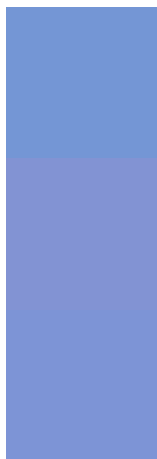


This preview shows how white text looks on a background with the CIELCh color 62, 36.259, 277.836.

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, 36.259, 277.836

Protanopia

62, 36.097, 285.670

Deuteranopia

62, 37.371, 283.428



Tritanopia
62, 18.998, 220.772

Trichromacy



Original Color
62, 36.259, 277.836

Protanomaly
62, 36.289, 282.921

Deuteranomaly
62, 36.973, 281.426

Tritanomaly
62, 22.380, 250.073

Monochromacy



Original Color
62, 36.259, 277.836

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 13.511, 273.253

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 36.259, 277.836 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(116, 150, 213)` looks like.

```
.text, #text, p{  
    color:rgb(116, 150, 213)  
}
```

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(116, 150, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 150, 213) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 36.259, 277.836 is called "border". The border property can be set on classes, ids or directly on the HTML element.

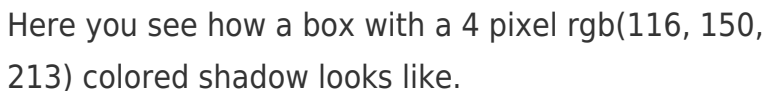
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(116, 150, 213) }
```

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

```
.border{ border-color:rgb(116, 150, 213) }
```

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



Here you see how a box with a 4 pixel `rgb(116, 150, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 150, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 150, 213);  
box-shadow:4px 4px 4px 4px rgb(116, 150,  
213) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 36.259, 277.836 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 150, 213) }
```

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

```
.background{ background-color: rgb(116,  
150, 213) }
```

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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