

Converting Colors

CIELCh(62, 33.559, 278.764)

Have a look what the booklet for
CIELCh(62, 33.559, 278.764)
contains.

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Color

CIELCh(62, 33.317, 278.257)

Conversions

Conversions Part 1

Format	Color
Hex	7996D0
RGB	121, 150, 208
RGB Percent	47%, 59%, 82%
CMY	0.5257, 0.4120, 0.1846
CMYK	0.42, 0.28, 0.00, 0.18
HSL	220°, 48%, 64%
HSV	220°, 42%, 82%
XYZ	30.1481, 30.4025, 63.9087
YIQ	147.9410, -35.9020, 11.8900

Conversions

Conversions Part 2

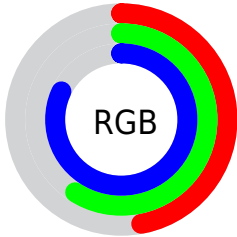
Format	Color
R _Y B	121, 143, 208
Decimal	7968464
CIE Lab	62.00, 4.78, -32.97
CIE LCh	62, 33.317, 278.257
Yxy	30.4025, 0.2422, 0.2443
Android (android.graphics.Color)	4286158544 (0xFF7996D0)
YUV	147.9410, 29.6091, -23.6273
Hunter-Lab	55.1385, 1.1061, -30.1235

Details

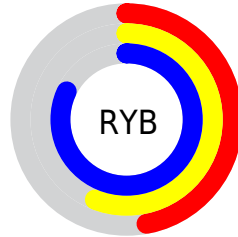
The CIELCh color **62, 33.317, 278.257** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **74, 33.547, 85.649**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 28.122, 274.345**, and **42, 33.395, 278.616** is the 20% darker color. If you saturate the color by 10%, you get **57, 41.651, 280.756**, and if you desaturate by 10%, it is **67, 25.143, 276.111**.

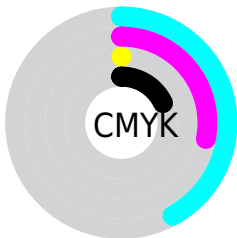
Distribution



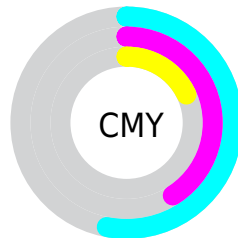
- Red (47%)
- Green (59%)
- Blue (82%)



- Red (47%)
- Yellow (56%)
- Blue (82%)



- Cyan (42%)
- Magenta (28%)
- Yellow (0%)
- Black (18%)





- Cyan (53%)
- Magenta (41%)
- Yellow (18%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 33.317, 278.257 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, 33.317, 278.257 by changing the saturation by 10% instead.


 62, 33.317,
278.257


 62, 33.317,
278.257


 100, 33.317,
278.257


 52, 33.317,
278.257


 82, 33.317,
278.257

 42, 33.317,
278.257


 92, 33.317,
278.257

 32, 33.317,
278.257

 22, 33.317,
278.257

 12, 33.317,
278.257

 2, 33.317, 278.257

 0, 33.317, 278.257

■ 62, 33.317,
278.257

■ 62, 33.317,
278.257

■ 57, 41.651,
280.756

■ 67, 25.143,
276.111

■ 52, 50.182,
283.632

■ 72, 17.110,
274.279

■ 47, 58.944,
286.870

■ 77, 9.206, 272.720

■ 43, 67.949,
290.394

■ 83, 1.426, 271.520

■ 88, 6.230, 90.145

■ 39, 77.114,
294.044

■ 93, 13.761, 89.160

■ 36, 84.564,
296.890

■ 97, 20.059,
100.013

■ 99, 23.766,
108.376

Harmonies

Complementary

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



62, 33.317, 278.257



74, 33.547, 85.649

Rectangle

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



62, 33.317, 278.257



62, 33.317, 328.257



62, 33.317, 98.257



62, 33.317, 148.257

Sweetspot

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



62, 33.316, 278.257



92, 11.941, 272.911



77, 34.016, 168.214



48, 8.369, 273.244



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, 33.316, 278.257



70, 47.353, 280.424



55, 50.144, 300.251



41, 4.425, 272.381



29, 71.132, 296.341



4, 19.703, 283.124

Inverse Universe

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



61, 37.453, 358.738



69, 52.771, 0.353



81, 45.204, 112.965



41, 4.895, 354.515



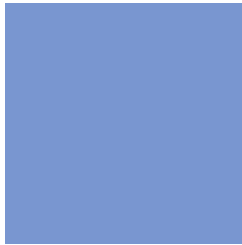
35, 63.203, 17.612



4, 20.633, 3.834

Previews

White Background



This preview shows how the CIELCh color 62, 33.317, 278.257 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, 33.317, 278.257 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

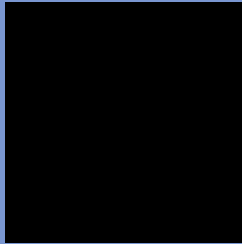
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

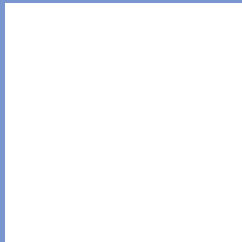
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 33.317, 278.257

Background



This preview shows how black text looks on a background with the CIELCh color 62, 33.317, 278.257.



This preview shows how white text looks on a background with the CIELCh color 62, 33.317, 278.257.

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, 33.317, 278.257

Protanopia

62, 33.290, 285.578

Deuteranopia

62, 33.947, 283.765



Tritanopia
62, 16.893, 223.977

Trichromacy



Original Color
62, 33.317, 278.257

Protanomaly
62, 33.446, 283.011

Deuteranomaly
62, 33.550, 281.498

Tritanomaly
62, 20.633, 253.922

Monochromacy



Original Color
62, 33.317, 278.257

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 12.339, 272.915

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 33.317, 278.257 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(121, 150, 208)` looks like.

```
.text, #text, p{  
    color:rgb(121, 150, 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(121, 150, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 150, 208) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 33.317, 278.257 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(121, 150, 208) }
```

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

```
.border{ border-color:rgb(121, 150, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 150, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 150, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 150, 208);  
box-shadow:4px 4px 4px 4px rgb(121, 150,  
208) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 33.317, 278.257 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 150, 208) }
```

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

```
.background{ background-color: rgb(121,  
150, 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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