

Converting Colors

CIELCh(62, 28.874, 272.281)

Have a look what the booklet for
CIELCh(62, 28.874, 272.281)
contains.

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Color

CIELCh(62, 28.874, 272.281)

Conversions

Conversions Part 1

Format	Color
Hex	7798C9
RGB	119, 152, 201
RGB Percent	47%, 60%, 79%
CMY	0.5351, 0.4056, 0.2136
CMYK	0.41, 0.24, 0.00, 0.21
HSL	216°, 43%, 63%
HSV	216°, 41%, 79%
XYZ	29.1940, 30.4025, 59.3060
YIQ	147.7190, -35.3970, 8.2430

Conversions

Conversions Part 2

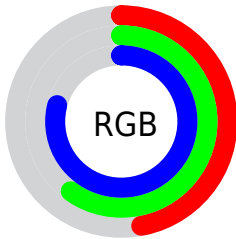
Format	Color
RYB	119, 143, 201
Decimal	7837897
CIELab	62.00, 1.15, -28.85
CIELCh	62, 28.874, 272.281
Yxy	30.4025, 0.2455, 0.2557
Android (android.graphics.Color)	4286027977 (0xFF7798C9)
YUV	147.7190, 26.2675, -25.1866
Hunter-Lab	55.1385, -1.9825, -25.1744

Details

The CIELCh color $62, 28.874, 272.281$ is a light color, and the websafe version is hex $6699CC$. A complement of this color would be $71, 30.293, 79.771$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 27.453, 271.051$, and $42, 29.100, 272.974$ is the 20% darker color. If you saturate the color by 10%, you get $58, 36.036, 274.837$, and if you desaturate by 10%, it is $67, 21.754, 270.099$.

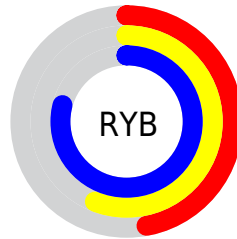
Distribution



Red (47%)

Green (60%)

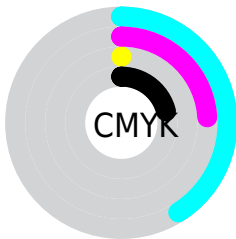
Blue (79%)



Red (47%)

Yellow (56%)

Blue (79%)

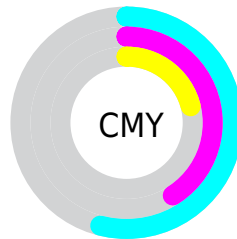


Cyan (41%)

Magenta (24%)

Yellow (0%)

Black (21%)



Cyan (54%)

Magenta (41%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 28.874, 272.281 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, 28.874, 272.281 by changing the saturation by 10% instead.

■ 62, 28.874,
272.281

■ 62, 28.874,
272.281

■ 100, 28.874,
272.281

■ 52, 28.874,
272.281

■ 82, 28.874,
272.281

■ 42, 28.874,
272.281

■ 92, 28.874,
272.281

■ 32, 28.874,
272.281

■ 22, 28.874,
272.281

■ 12, 28.874,
272.281

■ 2, 28.874, 272.281

■ 0, 28.874, 272.281

62, 28.874,
272.281

62, 28.874,
272.281

58, 36.036,
274.837

67, 21.754,
270.099

53, 43.268,
277.803

71, 14.671,
268.245

49, 50.614,
281.182

76, 7.625, 266.678

45, 58.126,
284.924

80, 0.622, 265.754

85, 6.326, 84.072

41, 65.835,
288.898

90, 13.211, 83.087

38, 73.016,
292.465

94, 19.380, 86.206

97, 23.955,
101.448

99, 27.463,
108.092

Harmonies

Complementary

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



62, 28.874, 272.281



71, 30.293, 79.771

Rectangle

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



62, 28.874, 272.281



62, 28.874, 322.281



62, 28.874, 92.281



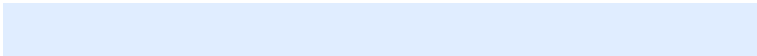
62, 28.874, 142.281

Sweetspot

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



62, 28.873, 272.281



93, 10.223, 266.865



75, 34.150, 164.208



49, 6.783, 267.061



0, 0.000, 0.000



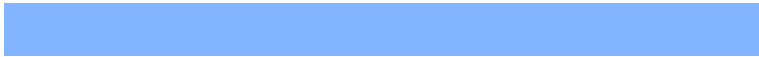
53, 0.007, 296.813

Same Dimension

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



62, 28.873, 272.281



73, 42.161, 274.513



54, 47.409, 298.115



40, 3.946, 266.467



31, 61.669, 291.836



4, 15.590, 277.318

Inverse Universe

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



60, 36.529, 353.833



70, 52.987, 355.279



79, 42.718, 110.061



39, 4.887, 350.045



34, 60.653, 10.877



4, 17.064, 358.736

Previews

White Background



This preview shows how the CIE LCh color 62, 28.874, 272.281 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, 28.874, 272.281 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

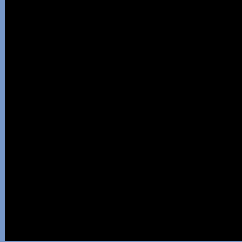
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

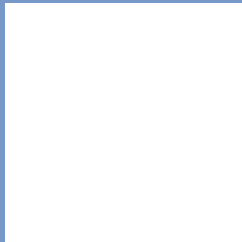
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 28.874, 272.281

Background



This preview shows how black text looks on a background with the CIELCh color 62, 28.874, 272.281.

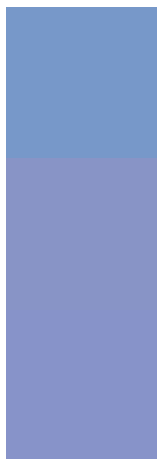


This preview shows how white text looks on a background with the CIELCh color 62, 28.874, 272.281.

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, 28.874, 272.281

Protanopia

62, 28.204, 285.220

Deuteranopia

62, 30.442, 286.146



Tritanopia
62, 17.160, 223.528

Trichromacy



Original Color
62, 28.874, 272.281

Protanomaly
62, 28.486, 280.837

Deuteranomaly
62, 29.620, 280.910

Tritanomaly
62, 19.598, 247.098

Monochromacy



Original Color
62, 28.874, 272.281

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 10.389, 266.612

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 28.874, 272.281 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, 152, 201)` looks like.

```
.text, #text, p{  
    color:rgb(119, 152, 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(119, 152, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 152, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 28.874, 272.281 is called "border". The border property can be set on classes, ids or directly on the HTML element.

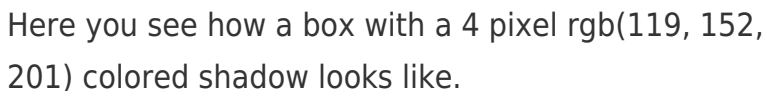
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(119, 152, 201) }
```

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

```
.border{ border-color:rgb(119, 152, 201) }
```

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



Here you see how a box with a 4 pixel `rgb(119, 152, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(119, 152, 201); -webkit-box-shadow:4px 4px 4px 4px rgb(119, 152, 201); box-shadow:4px 4px 4px 4px rgb(119, 152, 201) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 28.874, 272.281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 152, 201) }
```

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

```
.background{ background-color: rgb(119,  
152, 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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