

Converting Colors

CIELCh(62, 29.079, 242.482)

Have a look what the booklet for
CIELCh(62, 29.079, 242.482)
contains.

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Color

CIELCh(62, 29.080, 242.482)

Conversions

Conversions Part 1

Format	Color
Hex	519FC3
RGB	81, 159, 195
RGB Percent	32%, 62%, 76%
CMY	0.6832, 0.3772, 0.2361
CMYK	0.59, 0.18, 0.00, 0.24
HSL	199°, 49%, 54%
HSV	199°, 59%, 76%
XYZ	25.5689, 30.4025, 56.0337
YIQ	139.7820, -58.0440, -5.3400

Conversions

Conversions Part 2

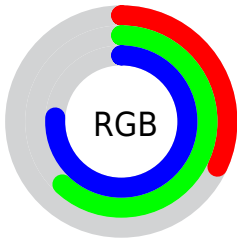
Format	Color
R _Y B	81, 127, 195
Decimal	5349315
CIE Lab	62.00, -13.44, -25.79
CIE LCh	62, 29.080, 242.482
Yxy	30.4025, 0.2283, 0.2714
Android (android.graphics.Color)	4283539395 (0xFF519FC3)
YUV	139.7820, 27.2225, -51.5518
Hunter-Lab	55.1385, -13.7180, -21.6557

Details

The CIELCh color **62, 29.080, 242.482** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle muted azure. A complement of this color would be **57, 42.523, 50.336**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **82, 29.142, 242.381**, and **42, 28.833, 241.836** is the 20% darker color. If you saturate the color by 10%, you get **60, 32.583, 245.526**, and if you desaturate by 10%, it is **65, 25.082, 240.016**.

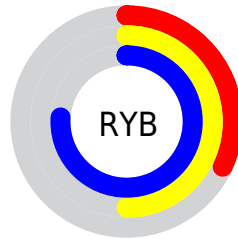
Distribution



Red (32%)

Green (62%)

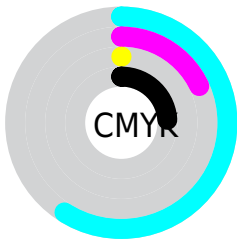
Blue (76%)



Red (32%)

Yellow (50%)

Blue (76%)

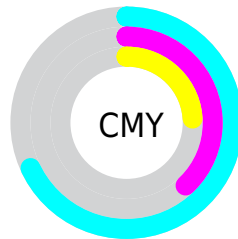


Cyan (59%)

Magenta (18%)

Yellow (0%)

Black (24%)



Cyan (68%)

Magenta (38%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 29.080, 242.482 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, 29.080, 242.482 by changing the saturation by 10% instead.

■ 62, 29.080,
242.482

■ 62, 29.080,
242.482

■ 100, 29.080,
242.482

■ 52, 29.080,
242.482

■ 82, 29.080,
242.482

■ 42, 29.080,
242.482

■ 92, 29.080,
242.482

■ 32, 29.080,
242.482

■ 22, 29.080,
242.482

■ 12, 29.080,
242.482

■ 2, 29.080, 242.482

■ 0, 29.080, 242.482

62, 29.080,
242.482

62, 29.080,
242.482

60, 32.583,
245.526

65, 25.082,
240.016

57, 35.620,
249.219

67, 20.613,
238.040

55, 38.275,
253.584

70, 15.722,
236.469

53, 40.731,
258.481

73, 10.470,
235.230

53, 41.106,
259.190

76, 4.922, 234.286

79, 0.861, 52.828

82, 6.823, 52.692

85, 12.919, 52.221

89, 18.736, 52.517

Harmonies

Complementary

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



62, 29.080, 242.482



57, 42.523, 50.336

Rectangle

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



62, 29.080, 242.482



62, 29.080, 292.482



62, 29.080, 62.482



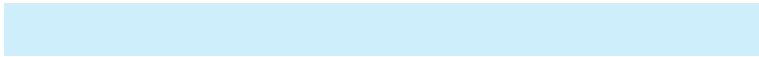
62, 29.080, 112.482

Sweetspot

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



62, 29.079, 242.481



92, 12.562, 235.203



71, 58.552, 148.412



49, 8.740, 235.538



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, 29.079, 242.481



75, 40.597, 246.409



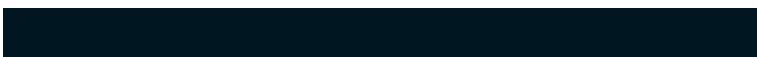
46, 53.986, 290.836



39, 3.253, 234.352



44, 35.367, 258.389



6, 10.682, 247.689

Inverse Universe

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



52, 57.998, 339.776



62, 81.179, 341.254



71, 49.137, 93.412



38, 5.791, 335.537



35, 64.838, 345.807



3, 18.016, 341.162

Previews

White Background



This preview shows how the CIELCh color 62, 29.080, 242.482 looks on a white background.

Color Contrast Check

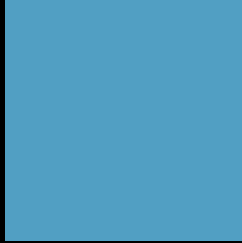
Large Text (above 18pt) WCAG AA × Fail

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, 29.080, 242.482 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, 29.080, 242.482

Background



This preview shows how black text looks on a background with the CIELCh color 62, 29.080, 242.482.

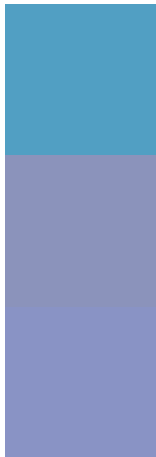


This preview shows how white text looks on a background with the CIELCh color 62, 29.080, 242.482.

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, 29.080, 242.482

Protanopia

62, 22.575, 285.718

Deuteranopia

62, 28.174, 286.529



Tritanopia
62, 27.015, 213.137

Trichromacy



Original Color
62, 29.080, 242.482

Protanomaly
61, 23.918, 266.212

Deuteranomaly
62, 26.979, 269.557

Tritanomaly
62, 26.923, 223.770

Monochromacy



Original Color
62, 29.080, 242.482

Achromatopsia
58, 0.007, 296.813

Achromatomaly
59, 12.401, 235.275

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 29.080, 242.482 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(81, 159, 195)` looks like.

```
.text, #text, p{  
    color:rgb(81, 159, 195)  
}
```

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(81, 159, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 159, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 29.080, 242.482 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(81, 159, 195) }
```

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

```
.border{ border-color:rgb(81, 159, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 159, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 159, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 159, 195);  
box-shadow:4px 4px 4px 4px rgb(81, 159,  
195) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 29.080, 242.482 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 159, 195) }
```

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

```
.background{ background-color: rgb(81, 159,  
195) }
```

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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