

Converting Colors

CIELCh(62, 14.061, 227.396)

Have a look what the booklet for
CIELCh(62, 14.061, 227.396)
contains.

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Color

CIELCh(62, 14.251, 226.796)

Conversions

Conversions Part 1

Format	Color
Hex	779CA8
RGB	119, 156, 168
RGB Percent	47%, 61%, 66%
CMY	0.5344, 0.3893, 0.3423
CMYK	0.29, 0.07, 0.00, 0.34
HSL	195°, 22%, 56%
HSV	195°, 29%, 66%
XYZ	26.4534, 30.4025, 41.3820
YIQ	146.3050, -25.9040, -4.1120

Conversions

Conversions Part 2

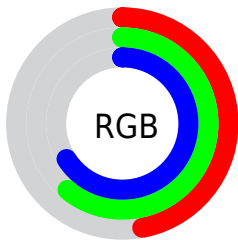
Format	Color
R_{YB}	119, 140, 168
Decimal	7838888
CIE _{Lab}	62.00, -9.76, -10.39
CIE _{LCh}	62, 14.251, 226.796
Yxy	30.4025, 0.2693, 0.3095
Android (android.graphics.Color)	4286028968 (0xFF779CA8)
YUV	146.3050, 10.6956, -23.9465
Hunter-Lab	55.1385, -10.8548, -5.9007

Details

The CIELCh color **62, 14.251, 226.796** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **58, 17.213, 43.854**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 14.368, 224.999**, and **42, 14.128, 226.377** is the 20% darker color. If you saturate the color by 10%, you get **60, 18.452, 227.919**, and if you desaturate by 10%, it is **64, 9.661, 225.941**.

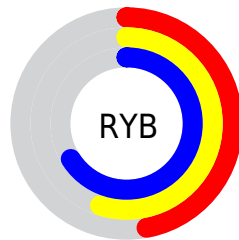
Distribution



Red (47%)

Green (61%)

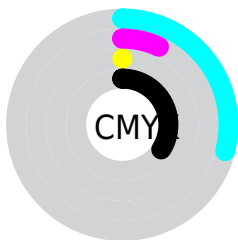
Blue (66%)



Red (47%)

Yellow (55%)

Blue (66%)

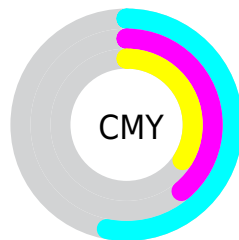


Cyan (29%)

Magenta (7%)

Yellow (0%)

Black (34%)



Cyan (53%)


Magenta (39%)

Yellow (34%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 14.251, 226.796 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, 14.251, 226.796 by changing the saturation by 10% instead.

 62, 14.251,
226.796


 62, 14.251,
226.796


 100, 14.251,
226.796

 52, 14.251,
226.796


 82, 14.251,
226.796

 42, 14.251,
226.796

 92, 14.251,
226.796

 32, 14.251,
226.796

 22, 14.251,
226.796

 12, 14.251,
226.796

 2, 14.251, 226.796

 0, 14.251, 226.796

62, 14.251,
226.796

62, 14.251,
226.796

60, 18.452,
227.919

64, 9.661, 225.941

58, 22.194,
229.389

67, 4.751, 225.338

69, 0.413, 43.631

56, 25.417,
231.277

71, 5.774, 44.321

54, 28.083,
233.671

74, 11.283, 44.109

77, 16.898, 43.951

52, 30.192,
236.656

79, 22.588, 43.847

51, 31.797,
240.298

82, 28.323, 43.788

83, 28.567, 48.078

49, 33.079,
244.480

49, 33.184,

244.807

Harmonies

Complementary

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



62, 14.251, 226.796



58, 17.213, 43.854

Rectangle

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



62, 14.251, 226.796



62, 14.251, 276.796



62, 14.251, 46.796



62, 14.251, 96.796

Sweetspot

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



62, 14.251, 226.791



85, 5.775, 225.336



64, 28.132, 149.516



44, 3.994, 225.403



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



62, 14.251, 226.791



78, 20.766, 227.482



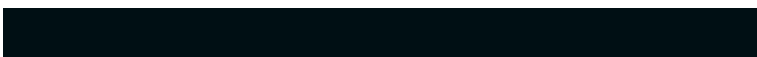
55, 20.957, 280.315



34, 2.927, 225.341



44, 30.179, 244.285



4, 5.383, 233.251

Inverse Universe

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



56, 28.077, 334.081



69, 41.733, 334.550



64, 20.637, 92.552



33, 5.420, 332.705



33, 64.014, 340.733



2, 9.349, 334.836

Previews

White Background



This preview shows how the CIELCh color 62, 14.251, 226.796 looks on a white background.

Color Contrast Check

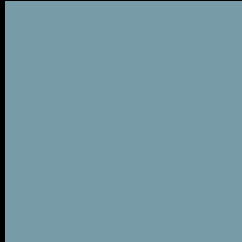
Large Text (above 18pt) WCAG AA × Fail

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, 14.251, 226.796 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

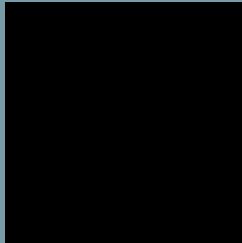
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 14.251, 226.796

Background



This preview shows how black text looks on a background with the CIELCh color 62, 14.251, 226.796.



This preview shows how white text looks on a background with the CIELCh color 62, 14.251, 226.796.

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, 14.251, 226.796

Protanopia

62, 8.432, 291.111

Deuteranopia

62, 13.859, 303.848



Tritanopia
62, 14.251, 226.796

Trichromacy



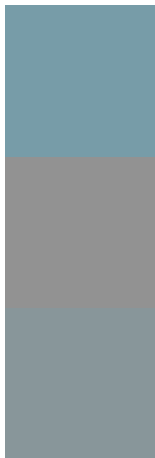
Original Color
62, 14.251, 226.796

Protanomaly
62, 9.236, 257.762

Deuteranomaly
62, 11.069, 274.316

Tritanomaly
62, 14.251, 226.796

Monochromacy



Original Color
62, 14.251, 226.796

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 5.637, 222.627

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 14.251, 226.796 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, 156, 168)` looks like.

```
.text, #text, p{  
    color:rgb(119, 156, 168)  
}
```

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, 156, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 156, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 14.251, 226.796 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, 156, 168) }
```

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

```
.border{ border-color:rgb(119, 156, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 156, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 156, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 156, 168);  
box-shadow:4px 4px 4px 4px rgb(119, 156,  
168) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 14.251, 226.796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 156, 168) }
```

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

```
.background{ background-color: rgb(119,  
156, 168) }
```

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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