

Converting Colors

CIELCh(62, 19.229, 225.955)

Have a look what the booklet for
CIELCh(62, 19.229, 225.955)
contains.

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Color

CIELCh(62, 19.228, 226.142)

Conversions

Conversions Part 1

Format	Color
Hex	699EAE
RGB	105, 158, 174
RGB Percent	41%, 62%, 68%
CMY	0.5892, 0.3814, 0.3186
CMYK	0.40, 0.09, 0.00, 0.32
HSL	194°, 30%, 55%
HSV	194°, 40%, 68%
XYZ	25.5958, 30.4025, 44.4333
YIQ	143.9770, -36.7240, -6.2600

Conversions

Conversions Part 2

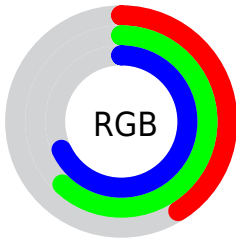
Format	Color
RYB	105, 135, 174
Decimal	6921902
CIELab	62.00, -13.32, -13.86
CIElCh	62, 19.228, 226.142
Yxy	30.4025, 0.2549, 0.3027
Android (android.graphics.Color)	4285111982 (0xFF699EAE)
YUV	143.9770, 14.8013, -34.1828
Hunter-Lab	55.1385, -13.6309, -9.1819

Details

The CIELCh color **62, 19.228, 226.142** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **56, 25.299, 42.478**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 19.158, 224.769**, and **42, 19.366, 225.816** is the 20% darker color. If you saturate the color by 10%, you get **60, 23.028, 227.532**, and if you desaturate by 10%, it is **64, 14.935, 225.079**.

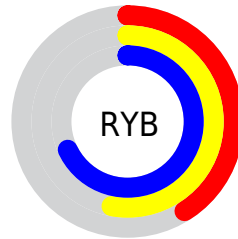
Distribution



Red (41%)

Green (62%)

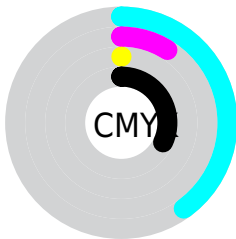
Blue (68%)



Red (41%)

Yellow (53%)

Blue (68%)

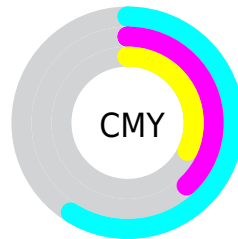


Cyan (40%)

Magenta (9%)

Yellow (0%)

Black (32%)



Cyan (59%)


Magenta (38%)


Yellow (32%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 19.228, 226.142 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, 19.228, 226.142 by changing the saturation by 10% instead.


 62, 19.228,
226.142


 62, 19.228,
226.142


 100, 19.228,
226.142


 52, 19.228,
226.142


 82, 19.228,
226.142

 42, 19.228,
226.142

 92, 19.228,
226.142

 32, 19.228,
226.142

 22, 19.228,
226.142

 12, 19.228,
226.142

 2, 19.228, 226.142

 0, 19.228, 226.142

■ 62, 19.228,
226.142

■ 62, 19.228,
226.142

■ 60, 23.028,
227.532

■ 64, 14.935,
225.079

■ 58, 26.271,
229.334

■ 66, 10.225,
224.290

■ 56, 28.918,
231.632

■ 69, 5.171, 223.740

■ 55, 30.965,
234.511

■ 71, 0.157, 40.143

■ 74, 5.695, 42.824

■ 53, 32.469,
238.038

■ 76, 11.393, 42.660

■ 52, 33.627,
242.094

■ 79, 17.206, 42.545

■ 81, 23.098, 42.481

■ 52, 33.662,
242.212

■ 83, 26.719, 44.273

Harmonies

Complementary

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



62, 19.228, 226.142



56, 25.299, 42.478

Rectangle

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



62, 19.228, 226.142



62, 19.228, 276.142



62, 19.228, 46.142



62, 19.228, 96.142

Sweetspot

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



62, 19.228, 226.139



87, 7.894, 223.854



65, 39.636, 147.877



46, 5.261, 223.918



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



62, 19.228, 226.139



77, 27.744, 227.398



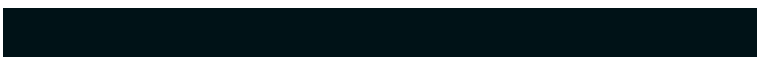
52, 29.076, 281.262



36, 3.013, 223.724



45, 30.208, 241.649



4, 6.391, 232.965

Inverse Universe

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



53, 39.387, 334.334



65, 58.371, 335.024



64, 28.590, 89.957



34, 5.607, 332.221



34, 65.398, 339.921



2, 11.117, 334.741

Previews

White Background



This preview shows how the CIELCh color 62, 19.228, 226.142 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, 19.228, 226.142 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, 19.228, 226.142

Background



This preview shows how black text looks on a background with the CIELCh color 62, 19.228, 226.142.



This preview shows how white text looks on a background with the CIELCh color 62, 19.228, 226.142.

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, 19.228, 226.142

Protanopia

62, 10.690, 287.438

Deuteranopia

62, 17.003, 298.057



Tritanopia
62, 18.998, 220.772

Trichromacy



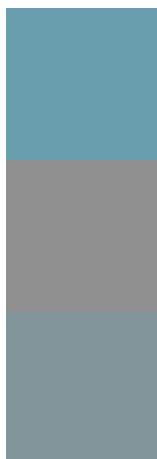
Original Color
62, 19.228, 226.142

Protanomaly
62, 11.905, 252.594

Deuteranomaly
62, 14.950, 269.764

Tritanomaly
62, 19.142, 222.454

Monochromacy



Original Color
62, 19.228, 226.142

Achromatopsia
60, 0.008, 296.813

Achromatomaly
60, 7.682, 225.101

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 19.228, 226.142 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(105, 158, 174)` looks like.

```
.text, #text, p{  
    color:rgb(105, 158, 174)  
}
```

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(105, 158, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 158, 174) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 19.228, 226.142 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(105, 158, 174) }
```

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

```
.border{ border-color:rgb(105, 158, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 158, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 158, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 158, 174);  
box-shadow:4px 4px 4px 4px rgb(105, 158,  
174) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 19.228, 226.142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 158, 174) }
```

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

```
.background{ background-color: rgb(105,  
158, 174) }
```

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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