

Converting Colors

CIELCh(62, 14.925, 205.357)

Have a look what the booklet for
CIELCh(62, 14.925, 205.357)
contains.

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Color

CIELCh(62, 14.819, 206.928)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 739DA1 |
| RGB | 115, 157, 161 |
| RGB Percent | 45%, 62%, 63% |
| CMY | 0.5484, 0.3837, 0.3680 |
| CMYK | 0.29, 0.02, 0.00, 0.37 |
| HSL | 185°, 20%, 54% |
| HSV | 185°, 29%, 63% |
| XYZ | 25.6221, 30.4025, 38.3105 |
| YIQ | 144.8980, -26.3160, -7.6600 |

Conversions

Conversions Part 2

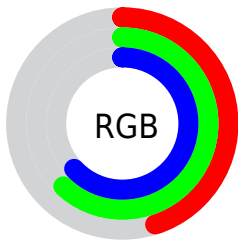
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 115, 137, 161 |
| Decimal | 7576993 |
| CIELab | 62.00, -13.21, -6.71 |
| CIELCh | 62, 14.819, 206.928 |
| Yxy | 30.4025, 0.2716, 0.3223 |
| Android (android.graphics.Color) | 4285767073 (0xFF739DA1) |
| YUV | 144.8980, 7.9383, -26.2205 |
| Hunter-Lab | 55.1385, -13.5460, -2.5980 |

Details

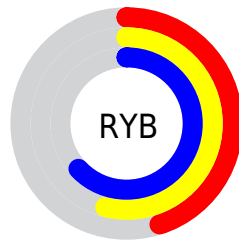
The CIELCh color **62, 14.819, 206.928** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **54, 18.045, 28.573**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 14.999, 206.568**, and **42, 14.819, 207.214** is the 20% darker color. If you saturate the color by 10%, you get **61, 19.203, 206.970**, and if you desaturate by 10%, it is **63, 9.963, 207.001**.

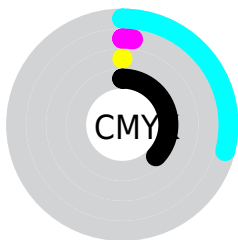
Distribution



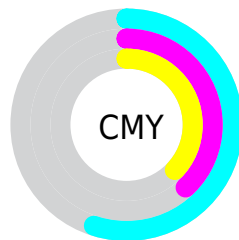
- Red (45%)
- Green (62%)
- Blue (63%)



- Red (45%)
- Yellow (54%)
- Blue (63%)



- Cyan (29%)
- Magenta (2%)
- Yellow (0%)
- Black (37%)





- Cyan (55%)
- Magenta (38%)
- Yellow (37%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 14.819, 206.928 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, 14.819, 206.928 by changing the saturation by 10% instead.


 62, 14.819,
206.928


 62, 14.819,
206.928


 100, 14.819,
206.928


 52, 14.819,
206.928


 82, 14.819,
206.928

 42, 14.819,
206.928


 92, 14.819,
206.928

 32, 14.819,
206.928

 22, 14.819,
206.928

 12, 14.819,
206.928

 2, 14.819, 206.928

 0, 14.819, 206.928

62, 14.819,
206.928

62, 14.819,
206.928

61, 19.203,
206.970

63, 9.963, 207.001

60, 23.025,
207.160

65, 4.722, 207.209

67, 0.822, 26.762

59, 26.209,
207.521

68, 6.595, 27.553

58, 28.694,
208.083

70, 12.534, 27.917

72, 18.587, 28.291

57, 30.453,
208.876

74, 24.711, 28.681

56, 31.502,
209.930

76, 30.872, 29.082

78, 34.914, 29.748

56, 31.978,
211.230

56, 32.037,

Harmonies

Complementary

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



62, 14.819, 206.928



54, 18.045, 28.573

Rectangle

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



62, 14.819, 206.928



62, 14.819, 256.928



62, 14.819, 26.928



62, 14.819, 76.928

Sweetspot

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



62, 14.819, 206.923



82, 6.138, 207.191



62, 29.666, 144.798



43, 4.241, 207.153



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



62, 14.819, 206.923



78, 21.298, 206.936



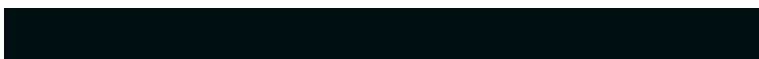
55, 16.547, 268.259



34, 3.152, 207.188



50, 29.722, 211.278



4, 4.917, 209.930

Inverse Universe

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



54, 29.619, 328.487



67, 43.481, 328.834



60, 17.198, 80.219



32, 5.906, 327.374



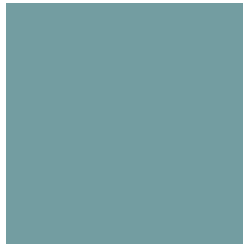
33, 71.101, 331.947



1, 8.977, 327.663

Previews

White Background



This preview shows how the CIELCh color 62, 14.819, 206.928 looks on a white background.

Color Contrast Check

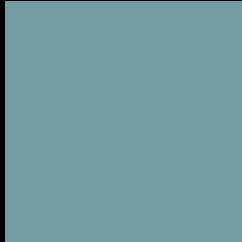
Large Text (above 18pt) WCAG AA × Fail

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, 14.819, 206.928 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

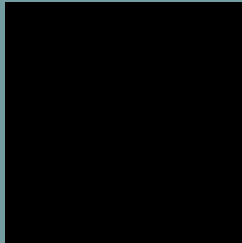
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 14.819, 206.928

Background



This preview shows how black text looks on a background with the CIELCh color 62, 14.819, 206.928.

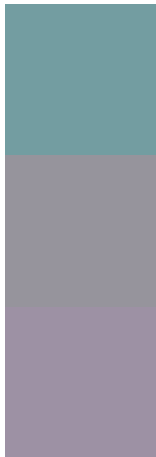


This preview shows how white text looks on a background with the CIELCh color 62, 14.819, 206.928.

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, 14.819, 206.928

Protanopia
62, 4.574, 300.219

Deuteranopia
62, 11.647, 313.992



Tritanopia
62, 15.011, 227.659

Trichromacy



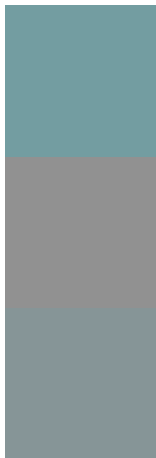
Original Color
62, 14.819, 206.928

Protanomaly
62, 6.420, 236.964

Deuteranomaly
62, 8.222, 272.842

Tritanomaly
62, 14.741, 220.840

Monochromacy



Original Color
62, 14.819, 206.928

Achromatopsia
60, 0.008, 296.813

Achromatomaly
61, 5.708, 210.389

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 14.819, 206.928 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(115, 157, 161)` looks like.

```
.text, #text, p{  
    color:rgb(115, 157, 161)  
}
```

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(115, 157, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 157, 161) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 14.819, 206.928 is called "border". The border property can be set on classes, ids or directly on the HTML element.

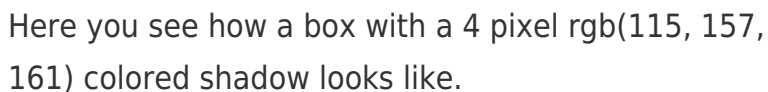
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(115, 157, 161) }
```

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

```
.border{ border-color:rgb(115, 157, 161) }
```

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



Here you see how a box with a 4 pixel `rgb(115, 157, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(115, 157, 161); -webkit-box-shadow:4px 4px 4px 4px rgb(115, 157, 161); box-shadow:4px 4px 4px 4px rgb(115, 157, 161) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 14.819, 206.928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 157, 161) }
```

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

```
.background{ background-color: rgb(115,  
157, 161) }
```

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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