

Converting Colors

CIELCh(62, 18.216, 233.265)

Have a look what the booklet for
CIELCh(62, 18.216, 233.265)
contains.

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Color

CIELCh(62, 18.199, 232.238)

Conversions

Conversions Part 1

Format	Color
Hex	6E9DAF
RGB	110, 157, 175
RGB Percent	43%, 62%, 69%
CMY	0.5697, 0.3854, 0.3148
CMYK	0.37, 0.10, 0.00, 0.31
HSL	197°, 29%, 56%
HSV	197°, 37%, 69%
XYZ	26.1173, 30.4025, 44.9049
YIQ	144.9990, -33.7900, -4.3660

Conversions

Conversions Part 2

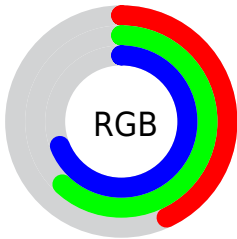
Format	Color
RYB	110, 137, 175
Decimal	7249327
CIELab	62.00, -11.14, -14.39
CIElCh	62, 18.199, 232.238
Yxy	30.4025, 0.2575, 0.2998
Android (android.graphics.Color)	4285439407 (0xFF6E9DAF)
YUV	144.9990, 14.7905, -30.6941
Hunter-Lab	55.1385, -11.9429, -9.6889

Details

The CIELCh color **62, 18.199, 232.238** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **58, 23.102, 47.056**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 18.262, 232.155**, and **42, 18.320, 232.316** is the 20% darker color. If you saturate the color by 10%, you get **60, 22.227, 233.873**, and if you desaturate by 10%, it is **64, 13.744, 230.956**.

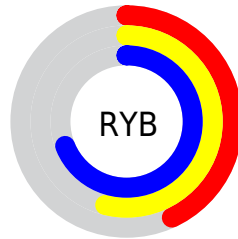
Distribution



Red (43%)

Green (62%)

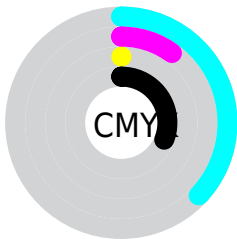
Blue (69%)



Red (43%)

Yellow (54%)

Blue (69%)

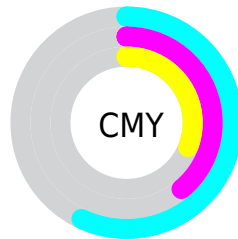


Cyan (37%)

Magenta (10%)

Yellow (0%)

Black (31%)



Cyan (57%)


Magenta (39%)


Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 18.199, 232.238 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, 18.199, 232.238 by changing the saturation by 10% instead.

 62, 18.199,
232.238


 62, 18.199,
232.238


 100, 18.199,
232.238


 52, 18.199,
232.238


 82, 18.199,
232.238

 42, 18.199,
232.238

 92, 18.199,
232.238

 32, 18.199,
232.238

 22, 18.199,
232.238

 12, 18.199,
232.238

 2, 18.199, 232.238

 0, 18.199, 232.238

62, 18.199,
232.238

62, 18.199,
232.238

60, 22.227,
233.873

64, 13.744,
230.956

58, 25.774,
235.951

67, 8.931, 229.972

69, 3.825, 229.264

55, 28.801,
238.558

72, 1.513, 48.233

54, 31.312,
241.779

75, 7.030, 48.014

52, 33.360,
245.673

78, 12.679, 47.692

80, 18.424, 47.438

50, 35.086,
250.187

83, 24.232, 47.244

50, 35.578,
251.455

85, 25.767, 51.671

Harmonies

Complementary

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



62, 18.199, 232.238



58, 23.102, 47.056

Rectangle

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



62, 18.199, 232.238



62, 18.199, 282.238



62, 18.199, 52.238



62, 18.199, 102.238

Sweetspot

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



62, 18.199, 232.235



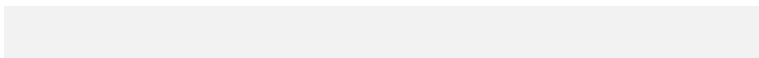
87, 7.168, 229.508



66, 35.984, 149.907



46, 4.841, 229.602



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, 18.199, 232.235



76, 26.367, 233.616



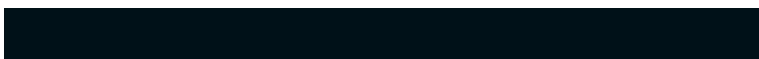
53, 29.060, 283.954



35, 2.977, 229.384



43, 31.727, 250.808



4, 6.414, 239.504

Inverse Universe

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



55, 36.032, 336.004



66, 53.393, 336.706



66, 28.084, 93.873



34, 5.430, 333.945



33, 63.406, 342.903



2, 10.699, 336.990

Previews

White Background



This preview shows how the CIELCh color 62, 18.199, 232.238 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 CIELCh color 62, 18.199, 232.238 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

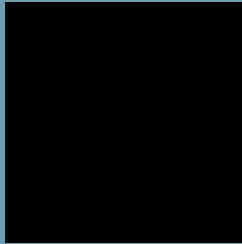
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 18.199, 232.238

Background



This preview shows how black text looks on a background with the CIELCh color 62, 18.199, 232.238.



This preview shows how white text looks on a background with the CIELCh color 62, 18.199, 232.238.

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, 18.199, 232.238

Protanopia
62, 11.810, 287.951

Deuteranopia
62, 17.525, 296.741



Tritanopia
62, 17.426, 223.095

Trichromacy



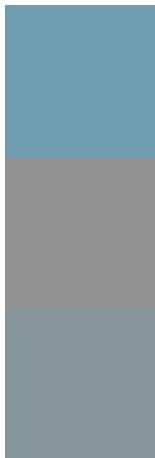
Original Color
62, 18.199, 232.238

Protanomaly
62, 12.729, 261.460

Deuteranomaly
62, 15.357, 271.849

Tritanomaly
62, 17.786, 226.658

Monochromacy



Original Color
62, 18.199, 232.238

Achromatopsia
60, 0.008, 296.813

Achromatomaly
61, 7.309, 231.741

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 18.199, 232.238 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(110, 157, 175)` looks like.

```
.text, #text, p{  
    color:rgb(110, 157, 175)  
}
```

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(110, 157, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 157, 175) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 18.199, 232.238 is called "border". The border property can be set on classes, ids or directly on the HTML element.

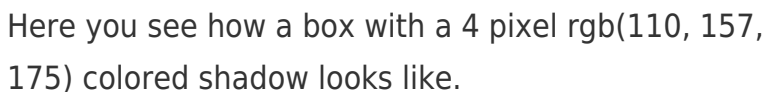
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(110, 157, 175) }
```

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

```
.border{ border-color:rgb(110, 157, 175) }
```

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



Here you see how a box with a 4 pixel `rgb(110, 157, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(110, 157, 175); -webkit-box-shadow:4px 4px 4px 4px rgb(110, 157, 175); box-shadow:4px 4px 4px 4px rgb(110, 157, 175) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 18.199, 232.238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 157, 175) }
```

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

```
.background{ background-color: rgb(110,  
157, 175) }
```

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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