

# Converting Colors

CIELCh(62, 11.568, 230.052)

Have a look what the booklet for  
CIELCh(62, 11.568, 230.052)  
contains.

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# Color

**CIELCh(62, 11.518, 231.263)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7E9AA5
RGB	126, 154, 165
RGB Percent	49%, 60%, 65%
CMY	0.5047, 0.3948, 0.3517
CMYK	0.24, 0.07, 0.00, 0.35
HSL	197°, 18%, 57%
HSV	197°, 24%, 65%
XYZ	27.0779, 30.4025, 40.1908
YIQ	146.8820, -20.2190, -2.5150

# Conversions

## Conversions Part 2

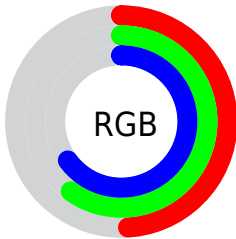
<b>Format</b>	<b>Color</b>
<b>RYB</b>	126, 142, 165
Decimal	8297125
CIELab	62.00, -7.21, -8.98
CIElCh	62, 11.518, 231.263
Yxy	30.4025, 0.2772, 0.3113
Android (android.graphics.Color)	4286487205 (0xFF7E9AA5)
YUV	146.8820, 8.9322, -18.3135
Hunter-Lab	55.1385, -8.8331, -4.6200

# Details

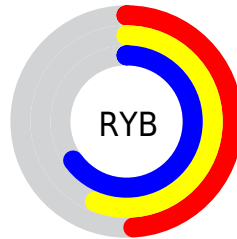
The CIELCh color **62, 11.518, 231.263** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **59, 13.251, 48.082**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 11.611, 232.215**, and **42, 11.435, 230.548** is the 20% darker color. If you saturate the color by 10%, you get **60, 15.916, 232.444**, and if you desaturate by 10%, it is **64, 6.806, 230.347**.

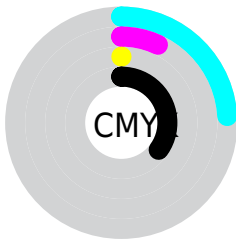
# Distribution



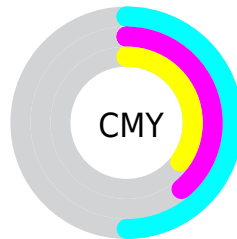
- Red (49%)
- Green (60%)
- Blue (65%)



- Red (49%)
- Yellow (56%)
- Blue (65%)



- Cyan (24%)
- Magenta (7%)
- Yellow (0%)
- Black (35%)




- Cyan (50%)
- Magenta (39%)
- Yellow (35%)


# Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 11.518, 231.263 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, 11.518, 231.263 by changing the saturation by 10% instead.





 62, 11.518,  
231.263


 62, 11.518,  
231.263


 100, 11.518,  
231.263


 52, 11.518,  
231.263


 82, 11.518,  
231.263


 42, 11.518,  
231.263


 92, 11.518,  
231.263

 32, 11.518,  
231.263

 22, 11.518,  
231.263

 12, 11.518,  
231.263

 2, 11.518, 231.263

 0, 11.518, 231.263

62, 11.518,  
231.263

62, 11.518,  
231.263

60, 15.916,  
232.444

64, 6.806, 230.347

57, 19.938,  
233.966

67, 1.840, 229.795

70, 3.324, 48.852

55, 23.527,  
235.897

72, 8.639, 48.498

53, 26.640,  
238.322

75, 14.065, 48.182

78, 19.569, 47.934

51, 29.265,  
241.331

80, 25.125, 47.745

49, 31.434,  
244.990

83, 29.394, 48.813

84, 29.058, 54.396

48, 33.237,  
249.320

47, 34.342,



# Harmonies

# Complementary

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



62, 11.518, 231.263



59, 13.251, 48.082

# Rectangle

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



62, 11.518, 231.263



62, 11.518, 281.263



62, 11.518, 51.263



62, 11.518, 101.263

# Sweetspot

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



62, 11.518, 231.257



84, 4.388, 229.912



64, 21.923, 151.234



44, 2.843, 229.942



93, 0.011, 296.813



45, 0.006, 296.813





# Same Dimension

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



62, 11.518, 231.257



77, 16.639, 231.802



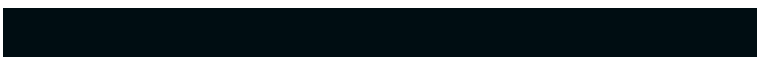
57, 17.293, 281.507



33, 2.829, 230.038



41, 31.118, 251.652



3, 4.477, 236.295



# Inverse Universe

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



57, 21.846, 335.171



71, 32.014, 335.538



64, 16.963, 95.563



32, 5.145, 334.145



32, 61.651, 343.204



1, 7.635, 335.863



# Previews

## White Background



This preview shows how the CIELCh color 62, 11.518, 231.263 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, 11.518, 231.263 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

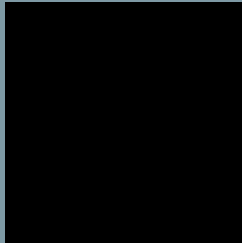
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# CIELCh 62, 11.518, 231.263

## Background



This preview shows how black text looks on a background with the CIELCh color 62, 11.518, 231.263.



This preview shows how white text looks on a background with the CIELCh color 62, 11.518, 231.263.

# 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, 11.518, 231.263

**Protanopia**  
62, 7.885, 293.753

**Deuteranopia**  
62, 12.426, 308.800





**Tritanopia**  
62, 11.515, 234.701

# Trichromacy



**Original Color**  
62, 11.518, 231.263

**Protanomaly**  
62, 7.940, 266.438

**Deuteranomaly**  
62, 9.629, 282.492

**Tritanomaly**  
62, 11.515, 234.701

# Monochromacy



**Original Color**  
62, 11.518, 231.263

**Achromatopsia**  
61, 0.008, 296.813

**Achromatomaly**  
61, 4.654, 228.112

# CSS Examples

## Text

The CSS property to change the color of the text to CIELCh 62, 11.518, 231.263 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(126, 154, 165)` looks like.

```
.text, #text, p{  
    color:rgb(126, 154, 165)  
}
```

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(126, 154, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 154, 165) }
```

## Border

The CSS property to change the border of an element to CIELCh 62, 11.518, 231.263 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(126, 154, 165) }
```

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

```
.border{ border-color:rgb(126, 154, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 154, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 154, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 154, 165);  
box-shadow:4px 4px 4px 4px rgb(126, 154,  
165) }
```

# Background

The CSS property to change the background color of an element to CIELCh 62, 11.518, 231.263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 154, 165) }
```

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

```
.background{ background-color: rgb(126,  
154, 165) }
```

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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