

Converting Colors

CIELCh(62, 12.831, 227.122)

Have a look what the booklet for
CIELCh(62, 12.831, 227.122)
contains.

CIELCh(62, 12.922, 227.230)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(62, 12.922, 227.230)

Conversions

Conversions Part 1

Format	Color
Hex	7A9BA6
RGB	122, 155, 166
RGB Percent	48%, 61%, 65%
CMY	0.5210, 0.3915, 0.3484
CMYK	0.26, 0.07, 0.00, 0.35
HSL	195°, 20%, 57%
HSV	195°, 26%, 65%
XYZ	26.6927, 30.4025, 40.6138
YIQ	146.3870, -23.1990, -3.5750

Conversions

Conversions Part 2

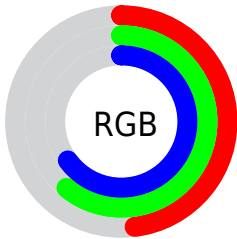
Format	Color
RYB	122, 141, 166
Decimal	8035238
CIELab	62.00, -8.77, -9.49
CIElCh	62, 12.922, 227.230
Yxy	30.4025, 0.2732, 0.3112
Android (android.graphics.Color)	4286225318 (0xFF7A9BA6)
YUV	146.3870, 9.6692, -21.3874
Hunter-Lab	55.1385, -10.0801, -5.0747

Details

The CIELCh color **62, 12.922, 227.230** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **58, 15.282, 44.456**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 12.982, 228.206**, and **42, 12.833, 226.527** is the 20% darker color. If you saturate the color by 10%, you get **60, 17.206, 228.303**, and if you desaturate by 10%, it is **64, 8.275, 226.414**.

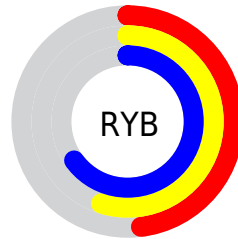
Distribution



Red (48%)

Green (61%)

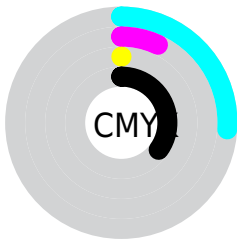
Blue (65%)



Red (48%)

Yellow (55%)

Blue (65%)

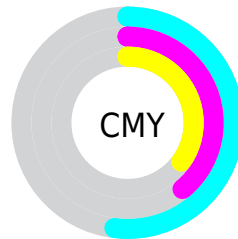


Cyan (26%)

Magenta (7%)

Yellow (0%)

Black (35%)



Cyan (52%)


Magenta (39%)


Yellow (35%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 12.922, 227.230 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, 12.922, 227.230 by changing the saturation by 10% instead.


 62, 12.922,
227.230


 62, 12.922,
227.230


 100, 12.922,
227.230


 52, 12.922,
227.230


 82, 12.922,
227.230

 42, 12.922,
227.230

 92, 12.922,
227.230

 32, 12.922,
227.230

 22, 12.922,
227.230

 12, 12.922,
227.230

 2, 12.922, 227.230

 0, 12.922, 227.230

62, 12.922,
227.230

62, 12.922,
227.230

60, 17.206,
228.303

64, 8.275, 226.414

58, 21.059,
229.708

67, 3.334, 225.868

69, 1.841, 45.012

56, 24.419,
231.515

72, 7.194, 44.854

54, 27.242,
233.809

74, 12.681, 44.635

77, 18.263, 44.475

52, 29.516,
236.678

79, 23.910, 44.369

51, 31.281,
240.194

82, 29.564, 44.330

83, 29.048, 49.221

49, 32.652,
244.349

49, 33.128,

245.834

Harmonies

Complementary

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



62, 12.922, 227.230



58, 15.282, 44.456

Rectangle

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



62, 12.922, 227.230



62, 12.922, 277.230



62, 12.922, 47.230



62, 12.922, 97.230

Sweetspot

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



62, 12.922, 227.224



84, 5.089, 225.933



64, 25.324, 149.767



45, 3.633, 226.001



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, 12.922, 227.224



77, 18.999, 227.848



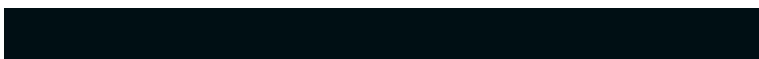
56, 18.794, 279.835



34, 2.922, 225.986



43, 30.337, 245.343



4, 5.382, 233.979

Inverse Universe

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



57, 25.179, 334.088



69, 37.725, 334.530



64, 18.541, 92.898



33, 5.400, 332.900



33, 63.786, 341.068



2, 9.310, 335.078

Previews

White Background



This preview shows how the CIE LCh color 62, 12.922, 227.230 looks on a white background.

Color Contrast Check

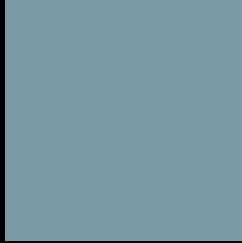
Large Text (above 18pt) WCAG AA × Fail

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, 12.922, 227.230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

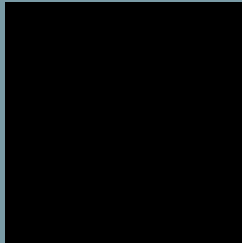
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 12.922, 227.230

Background



This preview shows how black text looks on a background with the CIELCh color 62, 12.922, 227.230.

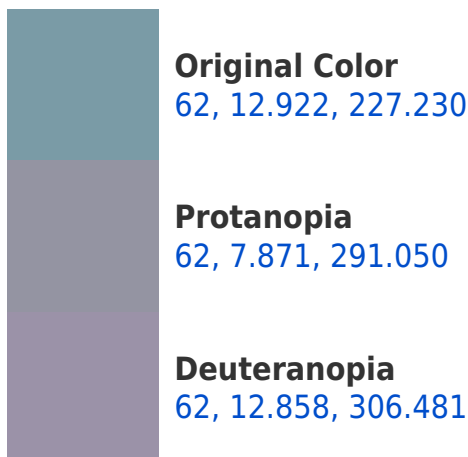


This preview shows how white text looks on a background with the CIELCh color 62, 12.922, 227.230.

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





Tritanopia
62, 13.149, 229.531

Trichromacy



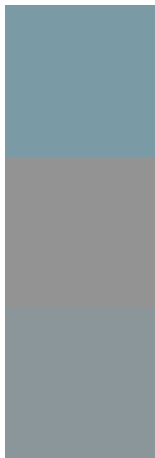
Original Color
62, 12.922, 227.230

Protanomaly
62, 8.410, 259.657

Deuteranomaly
62, 10.296, 279.065

Tritanomaly
62, 13.149, 229.531

Monochromacy



Original Color
62, 12.922, 227.230

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 4.978, 226.041

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 12.922, 227.230 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(122, 155, 166)` looks like.

```
.text, #text, p{  
    color:rgb(122, 155, 166)  
}
```

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(122, 155, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 155, 166) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 12.922, 227.230 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(122, 155, 166) }
```

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

```
.border{ border-color:rgb(122, 155, 166) }
```

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

Here you see how a box with a 4 pixel rgb(122, 155, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 155, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 155, 166);  
box-shadow:4px 4px 4px 4px rgb(122, 155,  
166) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 12.922, 227.230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 155, 166) }
```

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

```
.background{ background-color: rgb(122,  
155, 166) }
```

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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