

Converting Colors

CIELCh(62, 12.760, 212.859)

Have a look what the booklet for
CIELCh(62, 12.760, 212.859)
contains.

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Color

CIELCh(62, 12.738, 213.799)

Conversions

Conversions Part 1

Format	Color
Hex	799CA2
RGB	121, 156, 162
RGB Percent	47%, 61%, 64%
CMY	0.5259, 0.3886, 0.3651
CMYK	0.25, 0.04, 0.00, 0.37
HSL	189°, 18%, 55%
HSV	189°, 25%, 63%
XYZ	26.2524, 30.4025, 38.6164
YIQ	146.2190, -22.7860, -5.5540

Conversions

Conversions Part 2

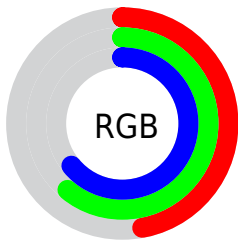
Format	Color
R_{YB}	121, 140, 162
Decimal	7969954
CIE _{Lab}	62.00, -10.59, -7.09
CIE _{LCh}	62, 12.738, 213.799
Yxy	30.4025, 0.2756, 0.3191
Android (android.graphics.Color)	4286160034 (0xFF799CA2)
YUV	146.2190, 7.7800, -22.1171
Hunter-Lab	55.1385, -11.5055, -2.9269

Details

The CIELCh color **62, 12.738, 213.799** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **56, 15.132, 33.808**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 12.929, 212.880**, and **42, 12.730, 211.848** is the 20% darker color. If you saturate the color by 10%, you get **60, 17.103, 214.159**, and if you desaturate by 10%, it is **64, 7.956, 213.600**.

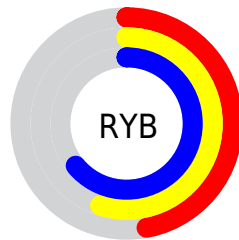
Distribution



Red (47%)

Green (61%)

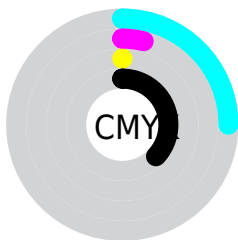
Blue (64%)



Red (47%)

Yellow (55%)

Blue (64%)

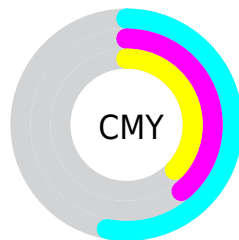


Cyan (25%)

Magenta (4%)

Yellow (0%)

Black (37%)



Cyan (53%)


Magenta (39%)


Yellow (37%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 12.738, 213.799 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, 12.738, 213.799 by changing the saturation by 10% instead.


 62, 12.738,
213.799


 62, 12.738,
213.799


 100, 12.738,
213.799


 52, 12.738,
213.799


 82, 12.738,
213.799

 42, 12.738,
213.799

 92, 12.738,
213.799

 32, 12.738,
213.799

 22, 12.738,
213.799

 12, 12.738,
213.799

 2, 12.738, 213.799

 0, 12.738, 213.799

62, 12.738,
213.799

62, 12.738,
213.799

60, 17.103,
214.159

64, 7.956, 213.600

59, 20.968,
214.727

66, 2.838, 213.616

67, 2.544, 33.272

57, 24.254,
215.542

70, 8.126, 33.483

56, 26.897,
216.657

72, 13.853, 33.648

74, 19.681, 33.843

55, 28.860,
218.132

76, 25.575, 34.064

54, 30.148,
220.025

78, 31.505, 34.304

79, 32.771, 36.021

53, 30.826,
222.381

53, 31.062,

223.551

Harmonies

Complementary

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



62, 12.738, 213.799



56, 15.132, 33.808

Rectangle

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



62, 12.738, 213.799



62, 12.738, 263.799



62, 12.738, 33.799



62, 12.738, 83.799

Sweetspot

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



62, 12.738, 213.793



83, 5.267, 213.574



63, 25.505, 146.563



44, 3.759, 213.568



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, 12.738, 213.793



78, 18.413, 213.962



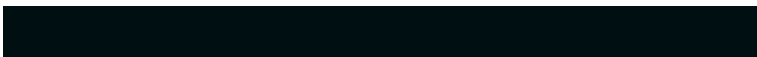
56, 15.596, 272.108



34, 3.005, 213.569



48, 28.711, 223.272



4, 4.669, 217.820

Inverse Universe

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



56, 25.332, 330.219



69, 37.286, 330.542



62, 15.850, 85.152



32, 5.666, 329.236



33, 67.946, 334.912



1, 8.527, 330.023

Previews

White Background



This preview shows how the CIELCh color 62, 12.738, 213.799 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, 12.738, 213.799 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

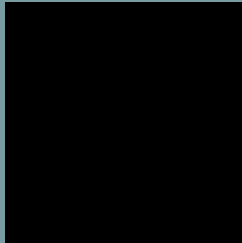
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 12.738, 213.799

Background



This preview shows how black text looks on a background with the CIELCh color 62, 12.738, 213.799.

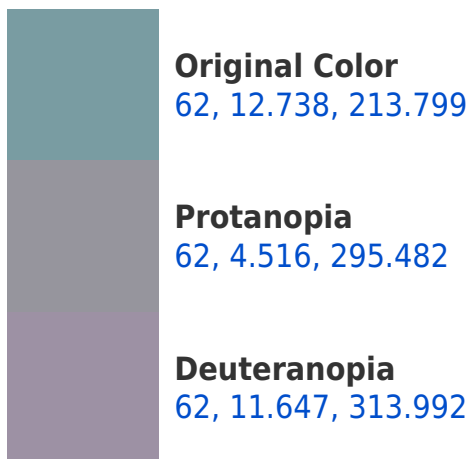


This preview shows how white text looks on a background with the CIELCh color 62, 12.738, 213.799.

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](#).

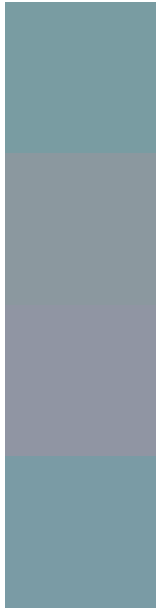
Dichromacy





Tritanopia
62, 13.149, 229.531

Trichromacy



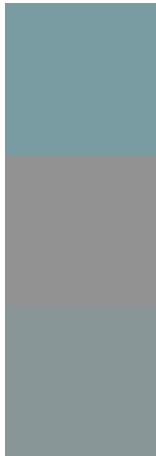
Original Color
62, 12.738, 213.799

Protanomaly
62, 6.134, 239.039

Deuteranomaly
62, 8.041, 277.812

Tritanomaly
62, 12.716, 224.852

Monochromacy



Original Color
62, 12.738, 213.799

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 4.988, 212.120

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 12.738, 213.799 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(121, 156, 162)` looks like.

```
.text, #text, p{  
    color:rgb(121, 156, 162)  
}
```

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(121, 156, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 156, 162) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 12.738, 213.799 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(121, 156, 162) }
```

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

```
.border{ border-color:rgb(121, 156, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 156, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 156, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 156, 162);  
box-shadow:4px 4px 4px 4px rgb(121, 156,  
162) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 12.738, 213.799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 156, 162) }
```

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

```
.background{ background-color: rgb(121,  
156, 162) }
```

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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