

Converting Colors

CIELCh(62, 22.129, 234.091)

Have a look what the booklet for
CIELCh(62, 22.129, 234.091)
contains.

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Color

CIELCh(62, 22.129, 234.091)

Conversions

Conversions Part 1

Format	Color
Hex	639EB5
RGB	99, 158, 181
RGB Percent	39%, 62%, 71%
CMY	0.6121, 0.3807, 0.2906
CMYK	0.45, 0.13, 0.00, 0.29
HSL	197°, 36%, 55%
HSV	197°, 45%, 71%
XYZ	25.6777, 30.4025, 48.1812
YIQ	142.9810, -42.5470, -5.3550

Conversions

Conversions Part 2

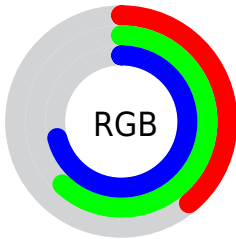
Format	Color
R_{YB}	99, 133, 181
Decimal	6528693
CIE _{Lab}	62.00, -12.98, -17.92
CIE _{LCh}	62, 22.129, 234.091
Yxy	30.4025, 0.2463, 0.2916
Android (android.graphics.Color)	4284718773 (0xFF639EB5)
YUV	142.9810, 18.7434, -38.5713
Hunter-Lab	55.1385, -13.3658, -13.2119

Details

The CIELCh color **62, 22.129, 234.091** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **57, 29.873, 47.249**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 22.083, 233.768**, and **42, 22.013, 233.227** is the 20% darker color. If you saturate the color by 10%, you get **60, 25.881, 236.117**, and if you desaturate by 10%, it is **64, 17.893, 232.492**.

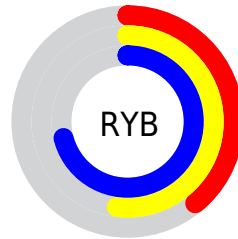
Distribution



Red (39%)

Green (62%)

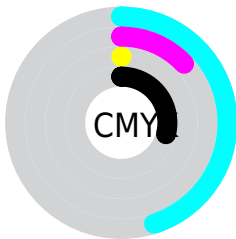
Blue (71%)



Red (39%)

Yellow (52%)

Blue (71%)

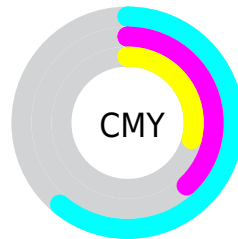


Cyan (45%)

Magenta (13%)

Yellow (0%)

Black (29%)



Cyan (61%)


Magenta (38%)


Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 22.129, 234.091 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, 22.129, 234.091 by changing the saturation by 10% instead.


 62, 22.129,
234.091


 62, 22.129,
234.091


 100, 22.129,
234.091


 52, 22.129,
234.091


 82, 22.129,
234.091

 42, 22.129,
234.091

 92, 22.129,
234.091

 32, 22.129,
234.091

 22, 22.129,
234.091

 12, 22.129,
234.091

 2, 22.129, 234.091

 0, 22.129, 234.091

62, 22.129,
234.091

62, 22.129,
234.091

60, 25.881,
236.117

64, 17.893,
232.492

58, 29.109,
238.664

67, 13.234,
231.245

56, 31.808,
241.818

70, 8.222, 230.288

72, 2.922, 229.633

54, 34.025,
245.642

75, 2.604, 48.698

52, 35.876,
250.134

78, 8.303, 48.370

51, 36.727,
252.298

81, 14.129, 48.047

84, 20.045, 47.793

86, 23.622, 50.454

Harmonies

Complementary

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



62, 22.129, 234.091



57, 29.873, 47.249

Rectangle

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



62, 22.129, 234.091



62, 22.129, 284.091



62, 22.129, 54.091



62, 22.129, 104.091

Sweetspot

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



62, 22.128, 234.089



88, 9.301, 230.200



67, 44.770, 148.976



46, 6.383, 230.375



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



62, 22.128, 234.089



76, 31.262, 236.021



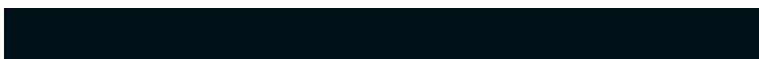
51, 36.870, 285.691



36, 3.047, 229.844



43, 32.292, 251.586



5, 7.539, 241.480

Inverse Universe

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



53, 44.644, 336.836



64, 64.396, 337.686



67, 35.200, 92.831



35, 5.548, 334.091



34, 64.022, 343.180



2, 12.406, 337.736

Previews

White Background



This preview shows how the CIELCh color 62, 22.129, 234.091 looks on a white background.

Color Contrast Check

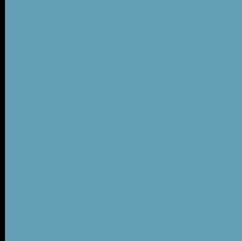
Large Text (above 18pt) WCAG AA × Fail

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, 22.129, 234.091 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, 22.129, 234.091

Background



This preview shows how black text looks on a background with the CIELCh color 62, 22.129, 234.091.

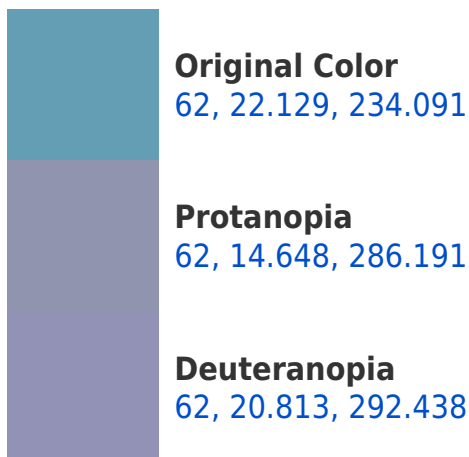



This preview shows how white text looks on a background with the CIELCh color 62, 22.129, 234.091.

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, 21.268, 218.042

Trichromacy



Original Color
62, 22.129, 234.091

Protanomaly
62, 16.011, 260.733

Deuteranomaly
62, 19.091, 270.291

Tritanomaly
62, 21.403, 222.900

Monochromacy



Original Color
62, 22.129, 234.091

Achromatopsia
59, 0.008, 296.813

Achromatomaly
60, 9.044, 233.186

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 22.129, 234.091 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(99, 158, 181)` looks like.

```
.text, #text, p{  
    color:rgb(99, 158, 181)  
}
```

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(99, 158, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 158, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 22.129, 234.091 is called "border". The border property can be set on classes, ids or directly on the HTML element.

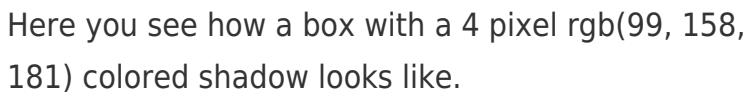
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(99, 158, 181) }
```

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

```
.border{ border-color:rgb(99, 158, 181) }
```

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



Here you see how a box with a 4 pixel `rgb(99, 158, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(99, 158, 181); -webkit-box-shadow:4px 4px 4px 4px rgb(99, 158, 181); box-shadow:4px 4px 4px 4px rgb(99, 158, 181) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 22.129, 234.091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 158, 181) }
```

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

```
.background{ background-color: rgb(99, 158,  
181) }
```

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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