

Converting Colors

CIELCh(62, 23.873, 242.820)

Have a look what the booklet for
CIELCh(62, 23.873, 242.820)
contains.

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Color

CIELCh(62, 23.952, 243.360)

Conversions

Conversions Part 1

Format	Color
Hex	639DBB
RGB	99, 157, 187
RGB Percent	39%, 62%, 73%
CMY	0.6113, 0.3839, 0.2662
CMYK	0.47, 0.16, 0.00, 0.27
HSL	200°, 39%, 56%
HSV	200°, 47%, 73%
XYZ	26.2150, 30.4025, 51.5635
YIQ	143.0780, -44.1980, -2.9660

Conversions

Conversions Part 2

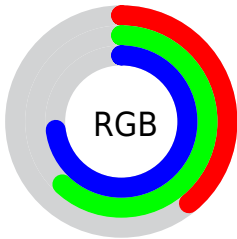
Format	Color
R _Y B	99, 134, 187
Decimal	6528443
CIE Lab	62.00, -10.74, -21.41
CIE LCh	62, 23.952, 243.360
Yxy	30.4025, 0.2423, 0.2810
Android (android.graphics.Color)	4284718523 (0xFF639DBB)
YUV	143.0780, 21.6535, -38.6564
Hunter-Lab	55.1385, -11.6264, -16.8488

Details

The CIELCh color **62, 23.952, 243.360** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **59, 31.497, 53.266**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 23.838, 242.384**, and **42, 23.945, 243.381** is the 20% darker color. If you saturate the color by 10%, you get **59, 28.059, 245.881**, and if you desaturate by 10%, it is **65, 19.438, 241.320**.

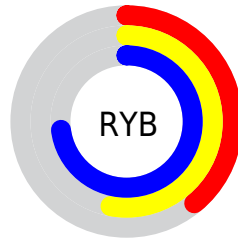
Distribution



Red (39%)

Green (62%)

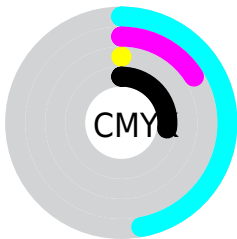
Blue (73%)



Red (39%)

Yellow (53%)

Blue (73%)

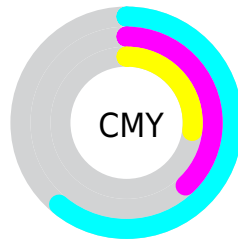


Cyan (47%)

Magenta (16%)

Yellow (0%)

Black (27%)



Cyan (61%)


Magenta (38%)


Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 23.952, 243.360 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, 23.952, 243.360 by changing the saturation by 10% instead.


 62, 23.952,
243.360


 62, 23.952,
243.360


 100, 23.952,
243.360


 52, 23.952,
243.360


 82, 23.952,
243.360

 42, 23.952,
243.360

 92, 23.952,
243.360

 32, 23.952,
243.360

 22, 23.952,
243.360

 12, 23.952,
243.360

 2, 23.952, 243.360

 0, 23.952, 243.360

62, 23.952,
243.360

62, 23.952,
243.360

59, 28.059,
245.881

65, 19.438,
241.320

57, 31.745,
248.970

68, 14.563,
239.682

54, 35.031,
252.690

71, 9.380, 238.376

52, 37.998,
257.058

74, 3.946, 237.378

77, 1.687, 56.129

50, 40.796,
261.966

80, 7.470, 55.642

49, 41.653,
263.404

83, 13.363, 55.101

86, 19.333, 54.646

89, 21.369, 61.601

Harmonies

Complementary

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



62, 23.952, 243.360



59, 31.497, 53.266

Rectangle

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



62, 23.952, 243.360



62, 23.952, 293.360



62, 23.952, 63.360



62, 23.952, 113.360

Sweetspot

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



62, 23.951, 243.359



90, 9.565, 238.064



69, 45.216, 151.282



48, 6.629, 238.304



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



62, 23.951, 243.359



75, 34.001, 245.846



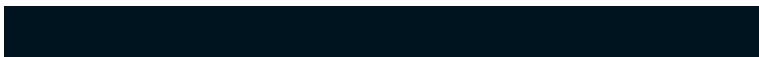
50, 42.928, 289.749



38, 3.190, 237.578



42, 36.485, 262.681



5, 9.943, 251.257

Inverse Universe

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



54, 45.635, 339.818



64, 65.559, 340.865



70, 39.715, 96.976



37, 5.563, 336.612



35, 63.146, 347.697



3, 15.545, 342.182

Previews

White Background



This preview shows how the CIELCh color 62, 23.952, 243.360 looks on a white background.

Color Contrast Check

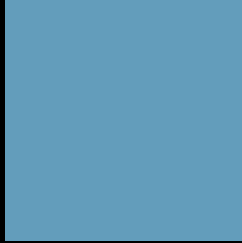
Large Text (above 18pt) WCAG AA × Fail

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, 23.952, 243.360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

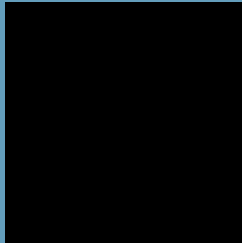
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 23.952, 243.360

Background



This preview shows how black text looks on a background with the CIELCh color 62, 23.952, 243.360.

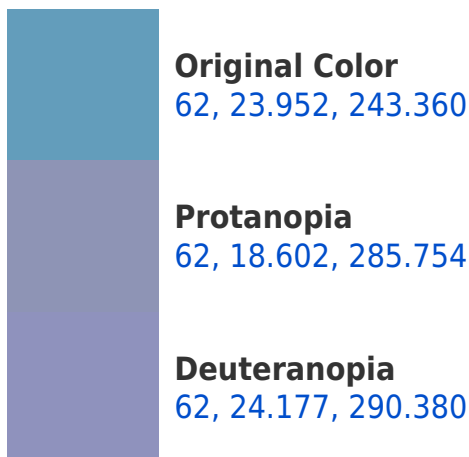



This preview shows how white text looks on a background with the CIELCh color 62, 23.952, 243.360.

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, 21.669, 215.998

Trichromacy



Original Color
62, 23.952, 243.360

Protanomaly
62, 19.533, 266.722

Deuteranomaly
62, 22.378, 272.640

Tritanomaly
62, 21.953, 225.536

Monochromacy



Original Color
62, 23.952, 243.360

Achromatopsia
59, 0.008, 296.813

Achromatomaly
60, 9.658, 239.088

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 23.952, 243.360 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, 157, 187)` looks like.

```
.text, #text, p{  
    color:rgb(99, 157, 187)  
}
```

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, 157, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 157, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 23.952, 243.360 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, 157, 187) }
```

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

```
.border{ border-color:rgb(99, 157, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 157, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 157, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 157, 187);  
box-shadow:4px 4px 4px 4px rgb(99, 157,  
187) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 23.952, 243.360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 157, 187) }
```

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

```
.background{ background-color: rgb(99, 157,  
187) }
```

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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