

Converting Colors

CIELCh(62, 23.876, 252.167)

Have a look what the booklet for
CIELCh(62, 23.876, 252.167)
contains.

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Color

CIELCh(62, 23.864, 252.115)

Conversions

Conversions Part 1

Format	Color
Hex	6B9CBD
RGB	107, 156, 189
RGB Percent	42%, 61%, 74%
CMY	0.5823, 0.3902, 0.2569
CMYK	0.44, 0.18, 0.00, 0.26
HSL	205°, 39%, 58%
HSV	205°, 44%, 74%
XYZ	27.0479, 30.4025, 52.8657
YIQ	145.1110, -39.7970, -0.1250

Conversions

Conversions Part 2

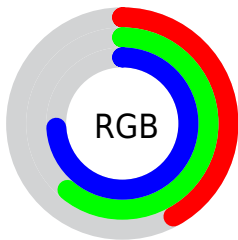
Format	Color
R _Y B	107, 138, 189
Decimal	7052477
CIE Lab	62.00, -7.33, -22.71
CIE LCh	62, 23.864, 252.115
Yxy	30.4025, 0.2452, 0.2756
Android (android.graphics.Color)	4285242557 (0xFF6B9CBD)
YUV	145.1110, 21.6373, -33.4233
Hunter-Lab	55.1385, -8.9302, -18.2491

Details

The CIELCh color **62, 23.864, 252.115** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **62, 29.145, 60.615**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 23.385, 251.637**, and **42, 23.585, 251.406** is the 20% darker color. If you saturate the color by 10%, you get **59, 28.667, 254.745**, and if you desaturate by 10%, it is **65, 18.782, 249.944**.

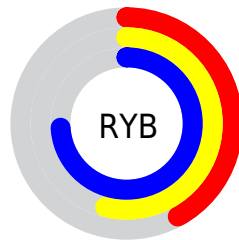
Distribution



Red (42%)

Green (61%)

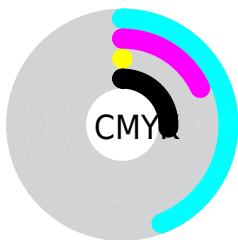
Blue (74%)



Red (42%)

Yellow (54%)

Blue (74%)

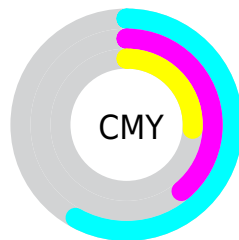


Cyan (44%)

Magenta (18%)

Yellow (0%)

Black (26%)



Cyan (58%)


Magenta (39%)


Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 23.864, 252.115 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, 23.864, 252.115 by changing the saturation by 10% instead.


 62, 23.864,
252.115


 62, 23.864,
252.115


 100, 23.864,
252.115


 52, 23.864,
252.115


 82, 23.864,
252.115

 42, 23.864,
252.115

 92, 23.864,
252.115

 32, 23.864,
252.115

 22, 23.864,
252.115

 12, 23.864,
252.115

 2, 23.864, 252.115

 0, 23.864, 252.115

■ 62, 23.864,
252.115

■ 62, 23.864,
252.115

■ 59, 28.667,
254.745

■ 65, 18.782,
249.944

■ 56, 33.186,
257.905

■ 69, 13.452,
248.162

■ 53, 37.448,
261.643

■ 72, 7.914, 246.709

■ 50, 41.529,
265.950

■ 75, 2.207, 245.627

■ 79, 3.627, 64.307

■ 48, 45.550,
270.735

■ 82, 9.553, 63.531

■ 46, 48.111,
273.727

■ 86, 15.541, 62.833

■ 89, 20.670, 64.485

■ 91, 21.847, 77.008

Harmonies

Complementary

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



62, 23.864, 252.115



62, 29.145, 60.615

Rectangle

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



62, 23.864, 252.115



62, 23.864, 302.115



62, 23.864, 72.115



62, 23.864, 122.115

Sweetspot

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



62, 23.863, 252.114



92, 9.266, 246.634



71, 40.482, 154.479



48, 6.517, 246.928



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



62, 23.863, 252.114



75, 35.061, 254.766



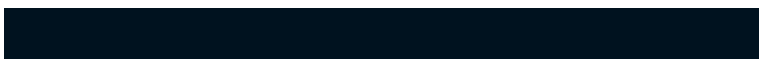
51, 43.532, 292.225



38, 3.259, 246.163



38, 41.607, 272.981



5, 10.560, 259.749

Inverse Universe

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



56, 41.311, 342.973



67, 61.022, 344.184



73, 39.739, 101.166



37, 5.300, 339.743



34, 61.015, 353.296



3, 14.766, 346.236

Previews

White Background



This preview shows how the CIE LCh color 62, 23.864, 252.115 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, 23.864, 252.115 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

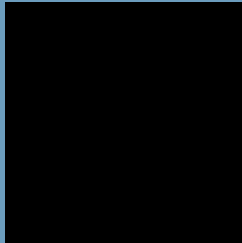
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

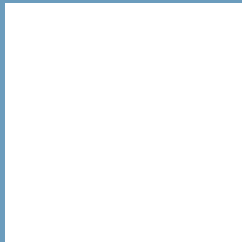
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 23.864, 252.115

Background



This preview shows how black text looks on a background with the CIELCh color 62, 23.864, 252.115.



This preview shows how white text looks on a background with the CIELCh color 62, 23.864, 252.115.

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, 23.473, 251.087

Protanopia

62, 20.299, 285.560

Deuteranopia

62, 24.747, 288.169



Tritanopia
62, 19.908, 217.824

Trichromacy



Original Color
62, 23.473, 251.087

Protanomaly
62, 20.813, 270.676

Deuteranomaly
62, 23.330, 274.532

Tritanomaly
62, 20.537, 231.517

Monochromacy



Original Color
62, 23.473, 251.087

Achromatopsia
60, 0.008, 296.813

Achromatomaly
61, 9.253, 246.157

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 23.864, 252.115 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(107, 156, 189)` looks like.

```
.text, #text, p{  
    color:rgb(107, 156, 189)  
}
```

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(107, 156, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 156, 189) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 23.864, 252.115 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(107, 156, 189) }
```

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

```
.border{ border-color:rgb(107, 156, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 156, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 156, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 156, 189);  
box-shadow:4px 4px 4px 4px rgb(107, 156,  
189) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 23.864, 252.115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 156, 189) }
```

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

```
.background{ background-color: rgb(107,  
156, 189) }
```

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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