

Converting Colors

CIELCh(62, 23.237, 247.373)

Have a look what the booklet for
CIELCh(62, 23.237, 247.373)
contains.

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Color

CIELCh(62, 23.237, 247.373)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 689CBB |
| RGB | 104, 156, 187 |
| RGB Percent | 41%, 61%, 73% |
| CMY | 0.5913, 0.3874, 0.2658 |
| CMYK | 0.44, 0.17, 0.00, 0.27 |
| HSL | 202°, 38%, 57% |
| HSV | 202°, 44%, 73% |
| XYZ | 26.6523, 30.4025, 51.6023 |
| YIQ | 143.9860, -40.9430, -1.3830 |

Conversions

Conversions Part 2

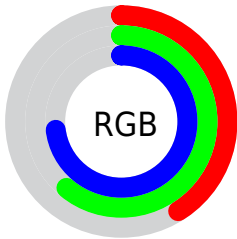
| Format | Color |
|-------------------------------------|--|
| RYB | 104, 136, 187 |
| Decimal | 6855867 |
| CIELab | 62.00, -8.94, -21.45 |
| CIElCh | 62, 23.237, 247.373 |
| Yxy | 30.4025, 0.2453, 0.2798 |
| Android (android.graphics.Color) | 4285045947 (0xFF689CBB) |
| YUV | 143.9860, 21.2059, -35.0677 |
| Hunter-Lab | 55.1385, -10.2108, -16.8906 |

Details

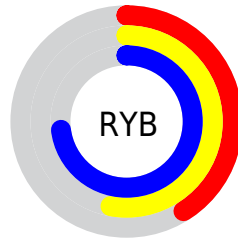
The CIELCh color **62, 23.237, 247.373** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **61, 29.284, 56.812**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 23.185, 248.032**, and **42, 23.356, 247.293** is the 20% darker color. If you saturate the color by 10%, you get **59, 27.687, 249.907**, and if you desaturate by 10%, it is **65, 18.447, 245.302**.

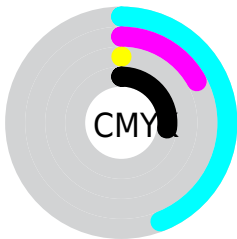
Distribution



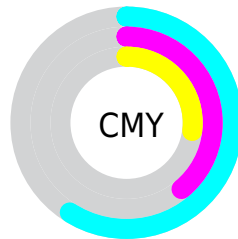
- Red (41%)
- Green (61%)
- Blue (73%)



- Red (41%)
- Yellow (53%)
- Blue (73%)



- Cyan (44%)
- Magenta (17%)
- Yellow (0%)
- Black (27%)





- Cyan (59%)
- Magenta (39%)
- Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 23.237, 247.373 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, 23.237, 247.373 by changing the saturation by 10% instead.


 62, 23.237,
247.373


 62, 23.237,
247.373


 100, 23.237,
247.373


 52, 23.237,
247.373


 82, 23.237,
247.373

 42, 23.237,
247.373

 92, 23.237,
247.373

 32, 23.237,
247.373

 22, 23.237,
247.373

 12, 23.237,
247.373

 2, 23.237, 247.373

 0, 23.237, 247.373

62, 23.237,
247.373

62, 23.237,
247.373

59, 27.687,
249.907

65, 18.447,
245.302

56, 31.782,
252.987

68, 13.356,
243.623

54, 35.544,
256.670

71, 8.011, 242.269

51, 39.042,
260.968

75, 2.461, 241.269

78, 3.247, 60.033

49, 42.401,
265.806

81, 9.073, 59.359

47, 44.345,
268.582

85, 14.983, 58.746

88, 20.947, 58.226

90, 21.750, 69.033

Harmonies

Complementary

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



62, 23.237, 247.373



61, 29.284, 56.812

Rectangle

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



62, 23.237, 247.373



62, 23.237, 297.373



62, 23.237, 67.373



62, 23.237, 117.373

Sweetspot

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



62, 23.236, 247.371



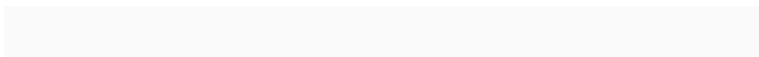
90, 8.975, 242.136



70, 41.663, 152.982



48, 6.308, 242.403



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, 23.236, 247.371



75, 33.344, 249.773



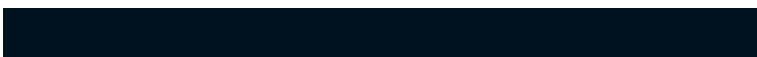
51, 41.972, 290.805



38, 3.214, 241.711



40, 38.772, 267.864



5, 10.216, 255.523

Inverse Universe

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



55, 42.320, 341.166



66, 61.308, 342.220



71, 38.648, 99.265



37, 5.436, 338.065



34, 62.046, 350.295



3, 15.156, 344.105

Previews

White Background



This preview shows how the CIE LCh color 62, 23.237, 247.373 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, 23.237, 247.373 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

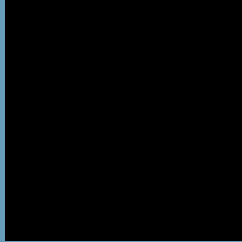
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

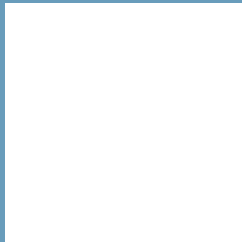
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 23.237, 247.373

Background



This preview shows how black text looks on a background with the CIELCh color 62, 23.237, 247.373.

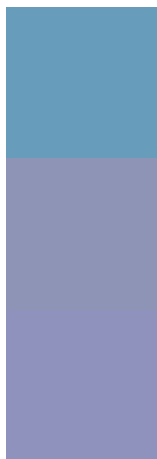


This preview shows how white text looks on a background with the CIELCh color 62, 23.237, 247.373.

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, 23.237, 247.373

Protanopia

62, 18.602, 285.754

Deuteranopia

62, 24.177, 290.380



Tritanopia
62, 20.274, 219.153

Trichromacy



Original Color
62, 23.237, 247.373

Protanomaly
62, 19.295, 268.463

Deuteranomaly
62, 22.197, 274.189

Tritanomaly
62, 20.763, 231.092

Monochromacy



Original Color
62, 23.237, 247.373

Achromatopsia
60, 0.008, 296.813

Achromatomaly
60, 9.262, 246.172

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 23.237, 247.373 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(104, 156, 187)` looks like.

```
.text, #text, p{  
    color:rgb(104, 156, 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(104, 156, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 156, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 23.237, 247.373 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(104, 156, 187) }
```

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

```
.border{ border-color:rgb(104, 156, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 156, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 156, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 156, 187);  
box-shadow:4px 4px 4px 4px rgb(104, 156,  
187) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 23.237, 247.373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 156, 187) }
```

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

```
.background{ background-color: rgb(104,  
156, 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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