

Converting Colors

CIELCh(62, 23.162, 241.943)

Have a look what the booklet for
CIELCh(62, 23.162, 241.943)
contains.

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Color

CIELCh(62, 23.134, 241.437)

Conversions

Conversions Part 1

Format	Color
Hex	649DB9
RGB	100, 157, 185
RGB Percent	39%, 62%, 73%
CMY	0.6071, 0.3836, 0.2738
CMYK	0.46, 0.15, 0.00, 0.27
HSL	200°, 38%, 56%
HSV	200°, 46%, 73%
XYZ	26.1375, 30.4025, 50.4885
YIQ	143.1490, -42.9600, -3.3760

Conversions

Conversions Part 2

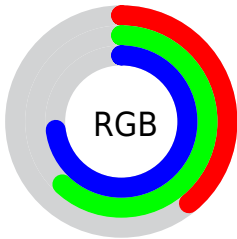
Format	Color
RYB	100, 134, 185
Decimal	6593977
CIELab	62.00, -11.06, -20.32
CIELCh	62, 23.134, 241.437
Yxy	30.4025, 0.2442, 0.2841
Android (android.graphics.Color)	4284784057 (0xFF649DB9)
YUV	143.1490, 20.6325, -37.8417
Hunter-Lab	55.1385, -11.8775, -15.6930

Details

The CIELCh color **62, 23.134, 241.437** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **59, 30.432, 52.157**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 23.025, 240.658**, and **42, 23.186, 241.003** is the 20% darker color. If you saturate the color by 10%, you get **59, 27.181, 243.831**, and if you desaturate by 10%, it is **65, 18.668, 239.509**.

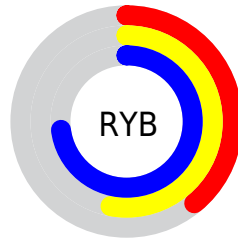
Distribution



Red (39%)

Green (62%)

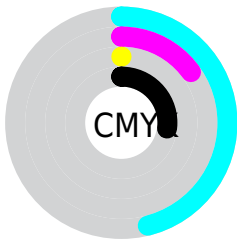
Blue (73%)



Red (39%)

Yellow (53%)

Blue (73%)

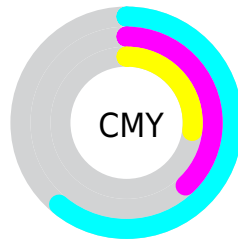


Cyan (46%)

Magenta (15%)

Yellow (0%)

Black (27%)



Cyan (61%)

Magenta (38%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 23.134, 241.437 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, 23.134, 241.437 by changing the saturation by 10% instead.

■ 62, 23.134,
241.437

■ 62, 23.134,
241.437

■ 100, 23.134,
241.437

■ 52, 23.134,
241.437

■ 82, 23.134,
241.437

■ 42, 23.134,
241.437

■ 92, 23.134,
241.437

■ 32, 23.134,
241.437

■ 22, 23.134,
241.437

■ 12, 23.134,
241.437

■ 2, 23.134, 241.437

■ 0, 23.134, 241.437

62, 23.134,
241.437

62, 23.134,
241.437

59, 27.181,
243.831

65, 18.668,
239.509

57, 30.787,
246.781

68, 13.834,
237.969

55, 33.966,
250.359

70, 8.687, 236.750

52, 36.786,
254.595

73, 3.287, 235.845

76, 2.312, 54.707

50, 39.380,
259.428

80, 8.064, 54.208

49, 40.466,
261.416

83, 13.926, 53.713

86, 19.865, 53.301

88, 21.984, 59.457

Harmonies

Complementary

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



62, 23.134, 241.437



59, 30.432, 52.157

Rectangle

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



62, 23.134, 241.437



62, 23.134, 291.437



62, 23.134, 61.437



62, 23.134, 111.437

Sweetspot

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



62, 23.133, 241.435



90, 9.466, 236.574



69, 44.407, 150.772



47, 6.503, 236.801



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



62, 23.133, 241.435



75, 32.983, 243.830



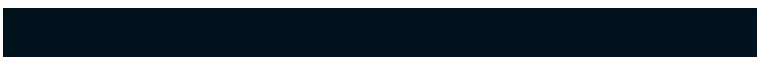
50, 40.603, 288.633



37, 3.114, 236.110



42, 35.302, 260.660



5, 8.830, 249.181

Inverse Universe

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



54, 44.574, 339.150



64, 64.490, 340.164



69, 37.911, 96.073



36, 5.483, 336.115



34, 62.829, 346.781



3, 13.726, 340.976

Previews

White Background



This preview shows how the CIE LCh color 62, 23.134, 241.437 looks on a white background.

Color Contrast Check

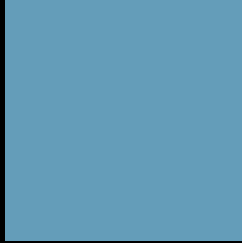
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 62, 23.134, 241.437 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

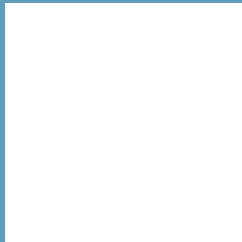
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 23.134, 241.437

Background



This preview shows how black text looks on a background with the CIELCh color 62, 23.134, 241.437.

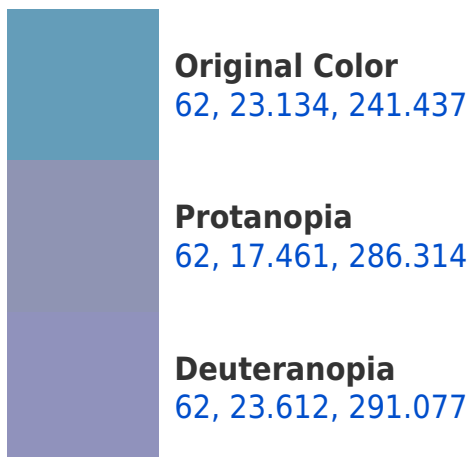



This preview shows how white text looks on a background with the CIELCh color 62, 23.134, 241.437.

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](#).

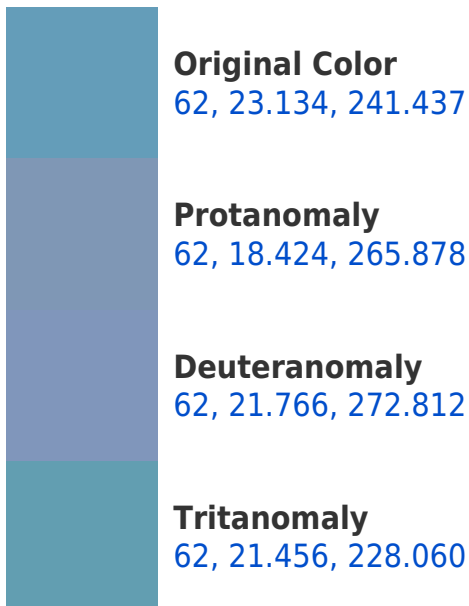
Dichromacy



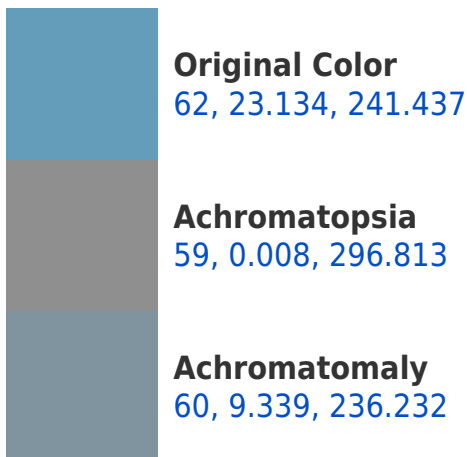


Tritanopia
62, 21.268, 218.042

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 23.134, 241.437 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(100, 157, 185)` looks like.

```
.text, #text, p{  
    color:rgb(100, 157, 185)  
}
```

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(100, 157, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 157, 185) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 23.134, 241.437 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(100, 157, 185) }
```

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

```
.border{ border-color:rgb(100, 157, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 157, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 157, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 157, 185);  
box-shadow:4px 4px 4px 4px rgb(100, 157,  
185) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 23.134, 241.437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 157, 185) }
```

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

```
.background{ background-color: rgb(100,  
157, 185) }
```

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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