

Converting Colors

CIELCh(62, 23.509, 236.734)

Have a look what the booklet for
CIELCh(62, 23.509, 236.734)
contains.

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Color

CIELCh(62, 23.511, 236.812)

Conversions

Conversions Part 1

Format	Color
Hex	609EB8
RGB	96, 158, 184
RGB Percent	38%, 62%, 72%
CMY	0.6235, 0.3804, 0.2784
CMYK	0.48, 0.14, 0.00, 0.28
HSL	198°, 38%, 55%
HSV	198°, 48%, 72%
XYZ	25.7037, 30.4025, 49.8624
YIQ	142.4260, -45.2980, -5.0580

Conversions

Conversions Part 2

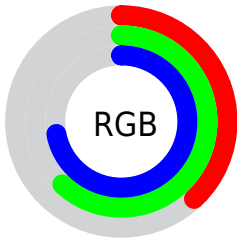
Format	Color
R _Y B	96, 132, 184
Decimal	6332088
CIE Lab	62.00, -12.87, -19.68
CIE LCh	62, 23.511, 236.812
Yxy	30.4025, 0.2426, 0.2869
Android (android.graphics.Color)	4284522168 (0xFF609EB8)
YUV	142.4260, 20.4960, -40.7156
Hunter-Lab	55.1385, -13.2817, -15.0198

Details

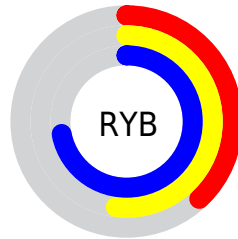
The CIELCh color **62, 23.511, 236.812** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **57, 32.094, 48.678**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 23.508, 236.120**, and **42, 23.462, 236.261** is the 20% darker color. If you saturate the color by 10%, you get **60, 27.255, 239.079**, and if you desaturate by 10%, it is **64, 19.286, 235.008**.

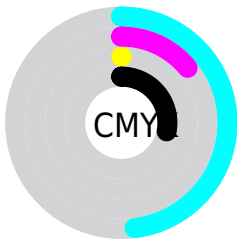
Distribution



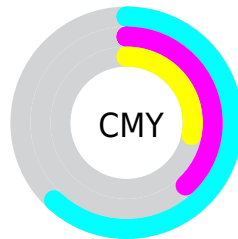
- Red (38%)
- Green (62%)
- Blue (72%)



- Red (38%)
- Yellow (52%)
- Blue (72%)



- Cyan (48%)
- Magenta (14%)
- Yellow (0%)
- Black (28%)





- Cyan (62%)
- Magenta (38%)
- Yellow (28%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 23.511, 236.812 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, 23.511, 236.812 by changing the saturation by 10% instead.


 62, 23.511,
236.812


 62, 23.511,
236.812


 100, 23.511,
236.812


 52, 23.511,
236.812


 82, 23.511,
236.812


 42, 23.511,
236.812


 92, 23.511,
236.812

 32, 23.511,
236.812

 22, 23.511,
236.812

 12, 23.511,
236.812

 2, 23.511, 236.812

 0, 23.511, 236.812

■ 62, 23.511,
236.812

■ 62, 23.511,
236.812

■ 60, 27.255,
239.079

■ 64, 19.286,
235.008

■ 57, 30.491,
241.903

■ 67, 14.636,
233.587

■ 55, 33.230,
245.363

■ 70, 9.626, 232.480

■ 53, 35.543,
249.501

■ 73, 4.320, 231.657

■ 75, 1.220, 50.462

■ 51, 37.589,
254.225

■ 78, 6.939, 50.242

■ 51, 38.046,
255.246

■ 81, 12.792, 49.848

■ 84, 18.741, 49.527

■ 87, 22.451, 52.414

Harmonies

Complementary

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



62, 23.511, 236.812



57, 32.094, 48.678

Rectangle

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



62, 23.511, 236.812



62, 23.511, 286.812



62, 23.511, 56.812



62, 23.511, 106.812

Sweetspot

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



62, 23.510, 236.810



90, 9.453, 232.150



68, 47.131, 149.273



47, 6.490, 232.343



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, 23.510, 236.810



76, 33.288, 239.112



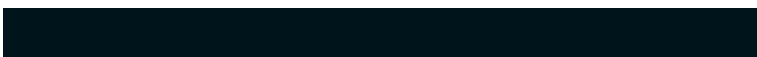
50, 40.460, 287.238



37, 3.113, 231.760



43, 33.413, 254.530



5, 8.662, 244.410

Inverse Universe

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



53, 47.088, 337.735



64, 67.887, 338.696



68, 38.158, 93.652



36, 5.618, 334.697



34, 64.158, 344.268



3, 14.118, 339.066

Previews

White Background



This preview shows how the CIELCh color 62, 23.511, 236.812 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, 23.511, 236.812 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

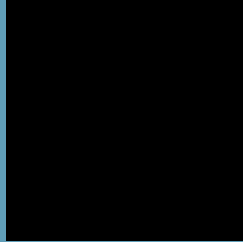
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 23.511, 236.812

Background



This preview shows how black text looks on a background with the CIELCh color 62, 23.511, 236.812.

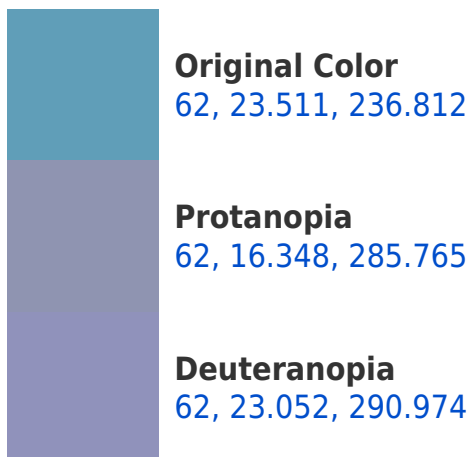


This preview shows how white text looks on a background with the CIELCh color 62, 23.511, 236.812.

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, 22.476, 216.805

Trichromacy



Original Color
62, 23.511, 236.812

Protanomaly
62, 17.718, 262.085

Deuteranomaly
62, 21.347, 271.380

Tritanomaly
62, 22.627, 224.600

Monochromacy



Original Color
62, 23.511, 236.812

Achromatopsia
59, 0.008, 296.813

Achromatomaly
60, 9.623, 230.824

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 23.511, 236.812 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(96, 158, 184)` looks like.

```
.text, #text, p{  
    color:rgb(96, 158, 184)  
}
```

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(96, 158, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 158, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 23.511, 236.812 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(96, 158, 184) }
```

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

```
.border{ border-color:rgb(96, 158, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 158, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 158, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 158, 184);  
box-shadow:4px 4px 4px 4px rgb(96, 158,  
184) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 23.511, 236.812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 158, 184) }
```

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

```
.background{ background-color: rgb(96, 158,  
184) }
```

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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