

Converting Colors

CIELCh(62, 23.610, 223.727)

Have a look what the booklet for
CIELCh(62, 23.610, 223.727)
contains.

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Color

CIELCh(62, 23.725, 223.166)

Conversions

Conversions Part 1

Format	Color
Hex	59A0B2
RGB	89, 160, 178
RGB Percent	35%, 63%, 70%
CMY	0.6517, 0.3732, 0.3027
CMYK	0.50, 0.10, 0.00, 0.30
HSL	192°, 37%, 52%
HSV	192°, 50%, 70%
XYZ	24.6605, 30.4025, 46.5935
YIQ	140.8230, -48.0940, -9.4540

Conversions

Conversions Part 2

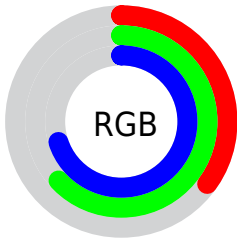
Format	Color
RYB	89, 128, 178
Decimal	5873842
CIELab	62.00, -17.30, -16.23
CIELCh	62, 23.725, 223.166
Yxy	30.4025, 0.2426, 0.2991
Android (android.graphics.Color)	4284063922 (0xFF59A0B2)
YUV	140.8230, 18.3283, -45.4488
Hunter-Lab	55.1385, -16.6588, -11.5047

Details

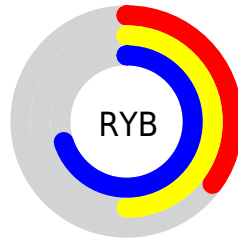
The CIELCh color **62, 23.725, 223.166** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **53, 34.441, 40.017**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **82, 23.664, 223.443**, and **42, 23.717, 223.189** is the 20% darker color. If you saturate the color by 10%, you get **60, 26.942, 224.699**, and if you desaturate by 10%, it is **64, 19.898, 222.000**.

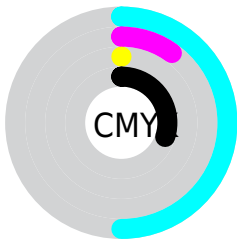
Distribution



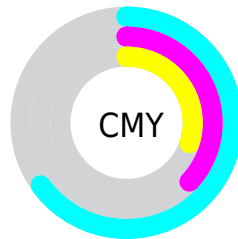
- Red (35%)
- Green (63%)
- Blue (70%)



- Red (35%)
- Yellow (50%)
- Blue (70%)



- Cyan (50%)
- Magenta (10%)
- Yellow (0%)
- Black (30%)





- Cyan (65%)
- Magenta (37%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 23.725, 223.166 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, 23.725, 223.166 by changing the saturation by 10% instead.


 62, 23.725,
223.166


 62, 23.725,
223.166


 100, 23.725,
223.166


 52, 23.725,
223.166


 82, 23.725,
223.166

 42, 23.725,
223.166

 92, 23.725,
223.166

 32, 23.725,
223.166

 22, 23.725,
223.166

 12, 23.725,
223.166

 2, 23.725, 223.166

 0, 23.725, 223.166

62, 23.725,
223.166

62, 23.725,
223.166

60, 26.942,
224.699

64, 19.898,
222.000

59, 29.503,
226.683

66, 15.535,
221.137

57, 31.399,
229.200

68, 10.715,
220.519

56, 32.681,
232.319

70, 5.522, 220.118

55, 33.551,
235.923

72, 0.031, 235.882

75, 5.692, 39.460

77, 11.587, 39.409

80, 17.606, 39.397

82, 23.711, 39.428

Harmonies

Complementary

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



62, 23.725, 223.166



53, 34.441, 40.017

Rectangle

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



62, 23.725, 223.166



62, 23.725, 273.166



62, 23.725, 43.166



62, 23.725, 93.166

Sweetspot

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



62, 23.724, 223.164



88, 10.092, 220.299



66, 50.951, 146.117



46, 6.900, 220.389



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



62, 23.724, 223.164



77, 33.226, 224.874



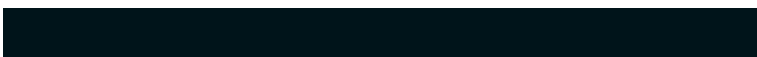
49, 36.978, 282.537



37, 3.127, 220.099



47, 29.996, 235.408



5, 7.504, 229.587

Inverse Universe

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



51, 50.780, 333.910



61, 73.254, 334.724



64, 36.348, 87.267



35, 5.866, 331.149



34, 67.623, 338.112



2, 13.298, 333.684

Previews

White Background



This preview shows how the CIELCh color 62, 23.725, 223.166 looks on a white background.

Color Contrast Check

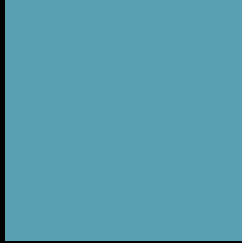
Large Text (above 18pt) WCAG AA × Fail

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, 23.725, 223.166 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

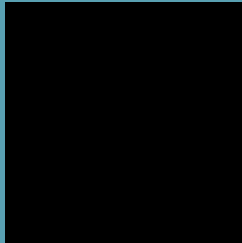
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 23.725, 223.166

Background



This preview shows how black text looks on a background with the CIELCh color 62, 23.725, 223.166.



This preview shows how white text looks on a background with the CIELCh color 62, 23.725, 223.166.

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, 23.725, 223.166

Protanopia

62, 12.390, 286.517

Deuteranopia

62, 19.714, 294.356



Tritanopia
62, 23.867, 215.533

Trichromacy



Original Color
62, 23.725, 223.166

Protanomaly
62, 14.765, 252.305

Deuteranomaly
62, 18.070, 264.033

Tritanomaly
62, 23.720, 217.128

Monochromacy



Original Color
62, 23.725, 223.166

Achromatopsia
59, 0.008, 296.813

Achromatomaly
60, 9.934, 218.697

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 23.725, 223.166 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(89, 160, 178)` looks like.

```
.text, #text, p{  
    color:rgb(89, 160, 178)  
}
```

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(89, 160, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 160, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 23.725, 223.166 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(89, 160, 178) }
```

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

```
.border{ border-color:rgb(89, 160, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 160, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 160, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 160, 178);  
box-shadow:4px 4px 4px 4px rgb(89, 160,  
178) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 23.725, 223.166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 160, 178) }
```

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

```
.background{ background-color: rgb(89, 160,  
178) }
```

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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