

Converting Colors

CIELCh(62, 35.207, 222.163)

Have a look what the booklet for
CIELCh(62, 35.207, 222.163)
contains.

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Color

CIELCh(62, 35.138, 222.873)

Conversions

Conversions Part 1

Format	Color
Hex	01A4BF
RGB	1, 164, 191
RGB Percent	0%, 64%, 75%
CMY	0.9960, 0.3560, 0.2501
CMYK	0.99, 0.14, 0.00, 0.25
HSL	189°, 99%, 38%
HSV	189°, 99%, 75%
XYZ	22.7524, 30.4025, 54.0819
YIQ	118.3410, -105.8150, -26.1590

Conversions

Conversions Part 2

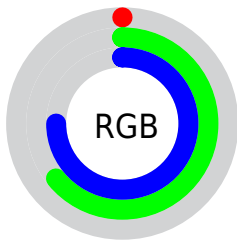
Format	Color
RYB	1, 89, 191
Decimal	107711
CIELab	62.00, -25.75, -23.91
CIElCh	62, 35.138, 222.873
Yxy	30.4025, 0.2122, 0.2835
Android (android.graphics.Color)	4278297791 (0xFF01A4BF)
YUV	118.3410, 35.8209, -102.9081
Hunter-Lab	55.1385, -22.8361, -19.5569

Details

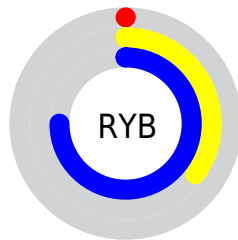
The CIELCh color **62, 35.138, 222.873** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **41, 81.356, 41.835**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **82, 34.988, 222.833**, and **43, 27.475, 230.778** is the 20% darker color. If you saturate the color by 10%, you get **62, 35.161, 223.010**, and if you desaturate by 10%, it is **63, 34.639, 220.370**.

Distribution



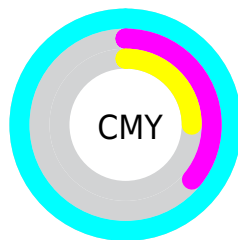
- Red (0%)
- Green (64%)
- Blue (75%)



- Red (0%)
- Yellow (35%)
- Blue (75%)



- Cyan (99%)
- Magenta (14%)
- Yellow (0%)
- Black (25%)





- Cyan (100%)
- Magenta (36%)
- Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 35.138, 222.873 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, 35.138, 222.873 by changing the saturation by 10% instead.


 62, 35.138,
222.873


 62, 35.138,
222.873


 100, 35.138,
222.873


 52, 35.138,
222.873


 82, 35.138,
222.873

 42, 35.138,
222.873

 92, 35.138,
222.873

 32, 35.138,
222.873

 22, 35.138,
222.873

 12, 35.138,
222.873

 2, 35.138, 222.873

 0, 35.138, 222.873

■ 62, 35.138,
222.873

■ 62, 35.138,
222.873

■ 62, 35.161,
223.010

■ 63, 34.639,
220.370

■ 64, 33.554,
218.290

■ 65, 31.707,
216.654

■ 67, 29.062,
215.405

■ 68, 25.641,
214.484

■ 70, 21.507,
213.833

■ 71, 16.746,
213.404

■ 73, 11.455,

213.159

■ 75, 5.732, 213.085

Harmonies

Complementary

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



62, 35.138, 222.873



41, 81.356, 41.835

Rectangle

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



62, 35.138, 222.873



62, 35.138, 272.873



62, 35.138, 42.873



62, 35.138, 92.873

Sweetspot

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



62, 35.137, 222.873



90, 20.936, 213.439



68, 93.257, 137.376



47, 14.152, 213.606



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, 35.137, 222.873



78, 42.640, 223.491



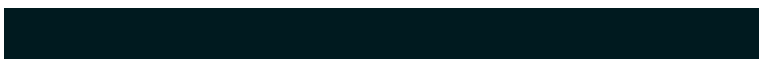
35, 74.334, 294.539



39, 3.398, 213.085



52, 30.561, 222.580



8, 9.805, 218.289

Inverse Universe

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



44, 83.202, 334.808



57, 100.855, 334.967



57, 66.287, 72.549



37, 6.409, 329.107



36, 72.441, 334.738



3, 18.671, 331.205

Previews

White Background



This preview shows how the CIELCh color 62, 35.138, 222.873 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, 35.138, 222.873 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

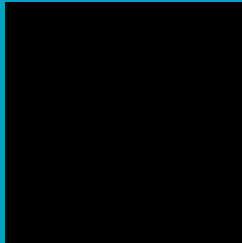
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 35.138, 222.873

Background



This preview shows how black text looks on a background with the CIELCh color 62, 35.138, 222.873.

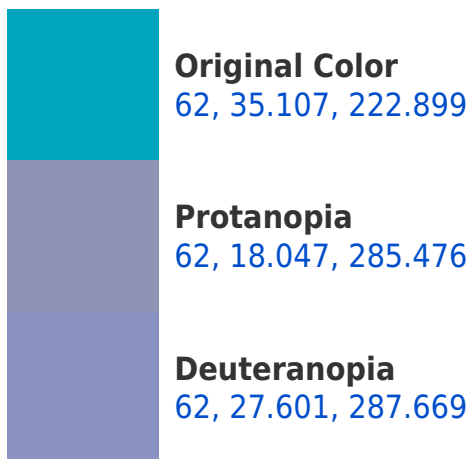


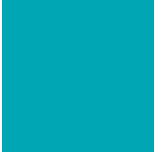
This preview shows how white text looks on a background with the CIELCh color 62, 35.138, 222.873.

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, 35.073, 208.814

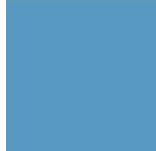
Trichromacy



Original Color
62, 35.107, 222.899



Protanomaly
61, 24.851, 241.456



Deuteranomaly
61, 28.963, 251.902



Tritanomaly
62, 34.835, 213.850

Monochromacy



Original Color
62, 35.107, 222.899



Achromatopsia
50, 0.007, 296.813



Achromatomaly
53, 20.198, 214.436

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 35.138, 222.873 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(1, 164, 191)` looks like.

```
.text, #text, p{  
    color:rgb(1, 164, 191)  
}
```

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(1, 164, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 164, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 35.138, 222.873 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(1, 164, 191) }
```

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

```
.border{ border-color:rgb(1, 164, 191) }
```

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

Here you see how a box with a 4 pixel rgb(1, 164, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 164, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 164, 191);  
box-shadow:4px 4px 4px 4px rgb(1, 164,  
191) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 35.138, 222.873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 164, 191) }
```

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

```
.background{ background-color: rgb(1, 164,  
191) }
```

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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