

Converting Colors

CIELCh(62, 34.784, 212.266)

Have a look what the booklet for
CIELCh(62, 34.784, 212.266)
contains.

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Color

CIELCh(62, 34.730, 212.911)

Conversions

Conversions Part 1

Format	Color
Hex	04A5B6
RGB	4, 165, 182
RGB Percent	2%, 65%, 71%
CMY	0.9840, 0.3521, 0.2854
CMYK	0.98, 0.09, 0.00, 0.29
HSL	186°, 96%, 37%
HSV	186°, 98%, 71%
XYZ	22.0119, 30.4025, 49.0846
YIQ	118.7990, -101.4130, -28.8450

Conversions

Conversions Part 2

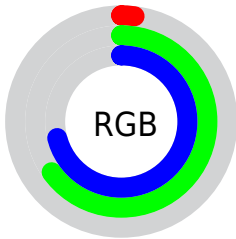
Format	Color
RYB	4, 89, 182
Decimal	304566
CIELab	62.00, -29.16, -18.87
CIELCh	62, 34.730, 212.911
Yxy	30.4025, 0.2169, 0.2995
Android (android.graphics.Color)	4278494646 (0xFF04A5B6)
YUV	118.7990, 31.1581, -100.6787
Hunter-Lab	55.1385, -25.2331, -14.1833

Details

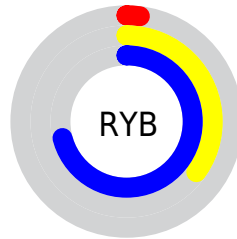
The CIELCh color **62, 34.730, 212.911** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **39, 78.410, 40.589**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **82, 34.604, 213.452**, and **43, 26.572, 218.364** is the 20% darker color. If you saturate the color by 10%, you get **62, 34.806, 213.258**, and if you desaturate by 10%, it is **63, 34.251, 211.414**.

Distribution



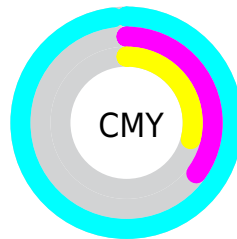
- Red (2%)
- Green (65%)
- Blue (71%)



- Red (2%)
- Yellow (35%)
- Blue (71%)



- Cyan (98%)
- Magenta (9%)
- Yellow (0%)
- Black (29%)





- Cyan (98%)
- Magenta (35%)
- Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 34.730, 212.911 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, 34.730, 212.911 by changing the saturation by 10% instead.


 62, 34.730,
212.911


 62, 34.730,
212.911


 100, 34.730,
212.911


 52, 34.730,
212.911


 82, 34.730,
212.911

 42, 34.730,
212.911

 92, 34.730,
212.911

 32, 34.730,
212.911

 22, 34.730,
212.911

 12, 34.730,
212.911

 2, 34.730, 212.911

 0, 34.730, 212.911

■ 62, 34.730,
212.911

■ 62, 34.730,
212.911

■ 62, 34.806,
213.258

■ 63, 34.251,
211.414

■ 63, 33.100,
210.214

■ 64, 31.162,
209.305

■ 65, 28.419,
208.651

■ 67, 24.904,
208.218

■ 68, 20.683,
207.970

■ 69, 15.847,
207.878

■ 71, 10.492,

207.919

■ 73, 4.717, 208.103

Harmonies

Complementary

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



62, 34.730, 212.911



39, 78.410, 40.589

Rectangle

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



62, 34.730, 212.911



62, 34.730, 262.911



62, 34.730, 32.911



62, 34.730, 82.911

Sweetspot

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



62, 34.729, 212.910



88, 20.367, 207.884



65, 90.822, 136.871



46, 13.849, 207.916



97, 0.011, 296.813



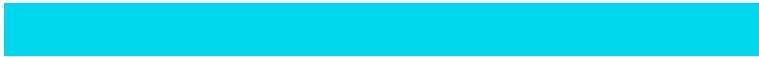
50, 0.007, 296.813

Same Dimension

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



62, 34.729, 212.910



79, 42.348, 213.578



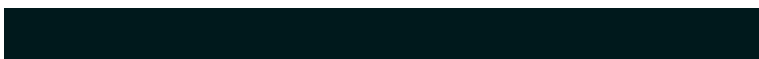
36, 64.221, 290.335



38, 3.448, 208.060



53, 30.996, 213.028



7, 9.174, 211.890

Inverse Universe

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



42, 83.010, 332.331



55, 101.381, 332.510



53, 63.671, 68.440



36, 6.473, 327.641



36, 74.200, 332.376



3, 17.076, 328.708

Previews

White Background



This preview shows how the CIE LCh color 62, 34.730, 212.911 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, 34.730, 212.911 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

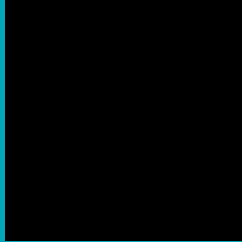
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 34.730, 212.911

Background



This preview shows how black text looks on a background with the CIELCh color 62, 34.730, 212.911.

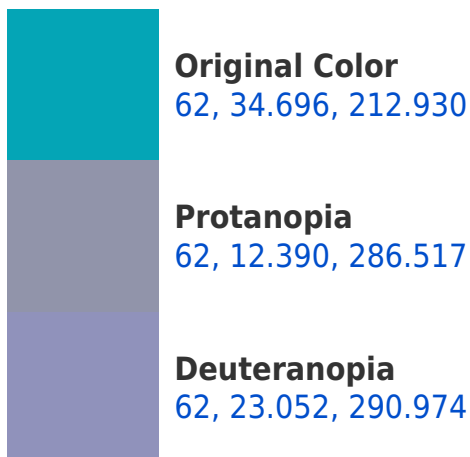


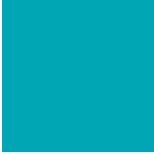
This preview shows how white text looks on a background with the CIELCh color 62, 34.730, 212.911.

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, 34.696, 212.930



Protanomaly
60, 21.660, 229.658



Deuteranomaly
60, 24.979, 244.983



Tritanomaly
62, 35.003, 209.814

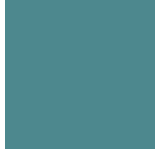
Monochromacy



Original Color
62, 34.696, 212.930



Achromatopsia
50, 0.007, 296.813



Achromatomaly
53, 19.819, 207.743

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 34.730, 212.911 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(4, 165, 182)` looks like.

```
.text, #text, p{  
    color:rgb(4, 165, 182)  
}
```

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(4, 165, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 165, 182) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 34.730, 212.911 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(4, 165, 182) }
```

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

```
.border{ border-color:rgb(4, 165, 182) }
```

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

Here you see how a box with a 4 pixel rgb(4, 165, 182) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 165, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(4, 165, 182);  
box-shadow:4px 4px 4px 4px rgb(4, 165,  
182) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 34.730, 212.911 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 165, 182) }
```

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

```
.background{ background-color: rgb(4, 165,  
182) }
```

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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