

Converting Colors

CIELCh(62, 43.631, 174.433)

Have a look what the booklet for
CIELCh(62, 43.631, 174.433)
contains.

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Color

CIELCh(62, 43.531, 174.522)

Conversions

Conversions Part 1

Format	Color
Hex	05A98D
RGB	5, 169, 141
RGB Percent	2%, 66%, 55%
CMY	0.9813, 0.3365, 0.4464
CMYK	0.97, 0.00, 0.17, 0.34
HSL	170°, 95%, 34%
HSV	170°, 97%, 66%
XYZ	19.1018, 30.4025, 30.1283
YIQ	116.7720, -88.7560, -43.4760

Conversions

Conversions Part 2

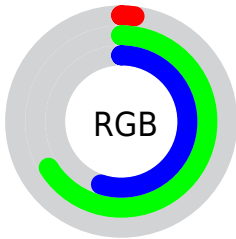
Format	Color
RYB	5, 95, 169
Decimal	371085
CIELab	62.00, -43.33, 4.16
CIELCh	62, 43.531, 174.522
Yxy	30.4025, 0.2399, 0.3818
Android (android.graphics.Color)	4278561165 (0xFF05A98D)
YUV	116.7720, 11.9444, -98.0240
Hunter-Lab	55.1385, -34.6541, 6.2002

Details

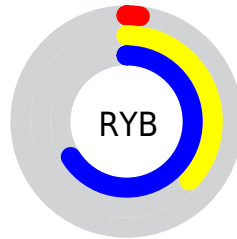
The CIELCh color **62, 43.531, 174.522** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **35, 67.980, 29.937**, and the grayscale version is **49, 0.007, 296.813**.

A 20% lighter version of the original color is **82, 43.302, 174.812**, and **43, 35.058, 170.156** is the 20% darker color. If you saturate the color by 10%, you get **62, 43.978, 174.077**, and if you desaturate by 10%, it is **62, 41.807, 176.111**.

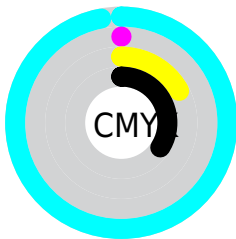
Distribution



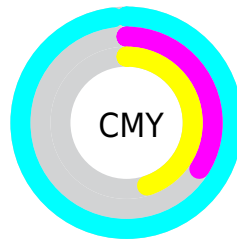
- Red (2%)
- Green (66%)
- Blue (55%)



- Red (2%)
- Yellow (37%)
- Blue (66%)



- Cyan (97%)
- Magenta (0%)
- Yellow (17%)
- Black (34%)





- Cyan (98%)
- Magenta (34%)
- Yellow (45%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 43.531, 174.522 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, 43.531, 174.522 by changing the saturation by 10% instead.


 62, 43.531,
174.522


 62, 43.531,
174.522


 100, 43.531,
174.522


 52, 43.531,
174.522


 82, 43.531,
174.522

 42, 43.531,
174.522

 92, 43.531,
174.522

 32, 43.531,
174.522

 22, 43.531,
174.522

 12, 43.531,
174.522

 2, 43.531, 174.522

 0, 43.531, 174.522

■ 62, 43.531,
174.522

■ 62, 43.531,
174.522

■ 62, 43.978,
174.077

■ 62, 41.807,
176.111

■ 62, 39.430,
177.564

■ 63, 36.311,
178.879

■ 63, 32.454,
180.076

■ 64, 27.908,
181.177

■ 65, 22.755,
182.202

■ 66, 17.096,
183.170

■ 67, 11.040,

184.097

■ 68, 4.689, 185.026

Harmonies

Complementary

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



62, 43.531, 174.522



35, 67.980, 29.937

Rectangle

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



62, 43.531, 174.522



62, 43.531, 224.522



62, 43.531, 354.522



62, 43.531, 44.522

Sweetspot

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



62, 43.531, 174.521



83, 22.393, 182.949



61, 85.778, 134.763



43, 15.175, 182.555



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



62, 43.531, 174.521



79, 53.566, 173.749



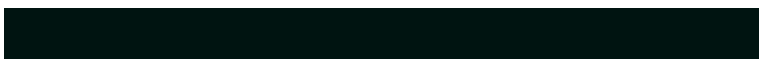
47, 36.235, 257.479



35, 3.666, 184.824



55, 39.749, 174.278



5, 6.943, 181.345

Inverse Universe

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



35, 67.980, 29.937



46, 85.097, 32.224



40, 66.887, 48.590



33, 3.813, 6.301



30, 62.540, 30.579



1, 6.738, 7.401

Previews

White Background



This preview shows how the CIELCh color 62, 43.531, 174.522 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, 43.531, 174.522 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

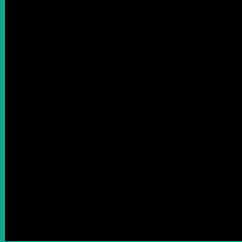
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 43.531, 174.522

Background



This preview shows how black text looks on a background with the CIELCh color 62, 43.531, 174.522.

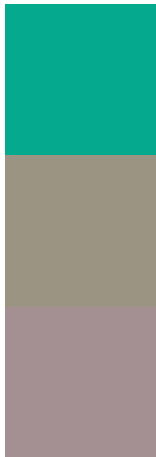


This preview shows how white text looks on a background with the CIELCh color 62, 43.531, 174.522.

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, 43.492, 174.505

Protanopia
62, 10.578, 91.086

Deuteranopia
62, 8.067, 8.181



Tritanopia
62, 31.271, 210.605

Trichromacy



Original Color
62, 43.492, 174.505



Protanomaly
60, 23.922, 165.969



Deuteranomaly
60, 17.648, 182.869



Tritanomaly
62, 34.767, 194.623

Monochromacy



Original Color
62, 43.492, 174.505



Achromatopsia
49, 0.007, 296.813



Achromatomaly
53, 22.086, 181.896

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 43.531, 174.522 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(5, 169, 141)` looks like.

```
.text, #text, p{  
    color:rgb(5, 169, 141)  
}
```

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(5, 169, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 169, 141) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 43.531, 174.522 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(5, 169, 141) }
```

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

```
.border{ border-color:rgb(5, 169, 141) }
```

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

Here you see how a box with a 4 pixel rgb(5, 169, 141) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 169, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(5, 169, 141);  
box-shadow:4px 4px 4px 4px rgb(5, 169,  
141) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 43.531, 174.522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 169, 141) }
```

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

```
.background{ background-color: rgb(5, 169,  
141) }
```

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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