

Converting Colors

CIELCh(62, 43.571, 172.669)

Have a look what the booklet for
CIELCh(62, 43.571, 172.669)
contains.

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Color

CIELCh(62, 43.436, 172.904)

Conversions

Conversions Part 1

Format	Color
Hex	14A98B
RGB	20, 169, 139
RGB Percent	8%, 66%, 55%
CMY	0.9212, 0.3371, 0.4548
CMYK	0.88, 0.00, 0.18, 0.34
HSL	168°, 79%, 37%
HSV	168°, 88%, 66%
XYZ	19.1466, 30.4025, 29.2968
YIQ	121.0290, -79.1740, -40.9180

Conversions

Conversions Part 2

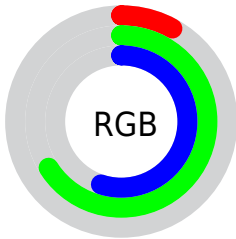
Format	Color
RYB	20, 103, 169
Decimal	1354123
CIELab	62.00, -43.10, 5.37
CIElCh	62, 43.436, 172.904
Yxy	30.4025, 0.2428, 0.3856
Android (android.graphics.Color)	4279544203 (0xFF14A98B)
YUV	121.0290, 8.8597, -88.6024
Hunter-Lab	55.1385, -34.5090, 7.0943

Details

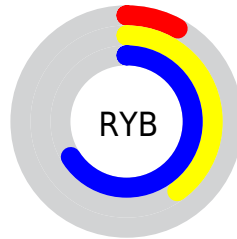
The CIELCh color **62, 43.436, 172.904** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **36, 62.251, 22.989**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **82, 43.609, 172.707**, and **43, 35.808, 168.540** is the 20% darker color. If you saturate the color by 10%, you get **62, 45.354, 171.156**, and if you desaturate by 10%, it is **62, 40.902, 174.509**.

Distribution



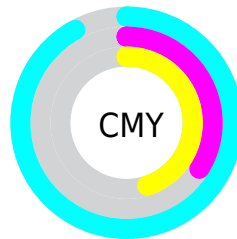
- Red (8%)
- Green (66%)
- Blue (55%)



- Red (8%)
- Yellow (40%)
- Blue (66%)



- Cyan (88%)
- Magenta (0%)
- Yellow (18%)
- Black (34%)





- Cyan (92%)
- Magenta (34%)
- Yellow (45%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 43.436, 172.904 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, 43.436, 172.904 by changing the saturation by 10% instead.


 62, 43.436,
172.904


 62, 43.436,
172.904


 100, 43.436,
172.904


 52, 43.436,
172.904


 82, 43.436,
172.904

 42, 43.436,
172.904

 92, 43.436,
172.904

 32, 43.436,
172.904

 22, 43.436,
172.904

 12, 43.436,
172.904

 2, 43.436, 172.904

 0, 43.436, 172.904

■ 62, 43.436,
172.904

■ 62, 43.436,
172.904

■ 62, 45.354,
171.156

■ 62, 40.902,
174.509

■ 62, 45.699,
170.832

■ 63, 37.637,
175.956

■ 63, 33.643,
177.265

■ 64, 28.969,
178.460

■ 65, 23.698,
179.560

■ 66, 17.934,
180.587

■ 67, 11.784,
181.560

■ 68, 5.353, 182.515

Harmonies

Complementary

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



62, 43.436, 172.904



36, 62.251, 22.989

Rectangle

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



62, 43.436, 172.904



62, 43.436, 222.904



62, 43.436, 352.904



62, 43.436, 42.904

Sweetspot

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



62, 43.436, 172.903



83, 20.575, 180.751



61, 81.917, 134.060



44, 13.823, 180.422



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, 43.436, 172.903



78, 55.742, 170.471



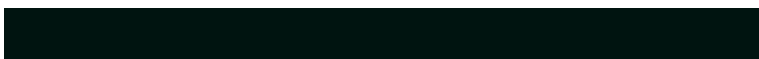
50, 32.891, 247.170



35, 3.716, 182.400



55, 41.313, 171.051



5, 7.067, 178.589

Inverse Universe

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



36, 62.251, 22.989



46, 83.338, 30.012



41, 62.024, 47.400



33, 3.852, 3.924



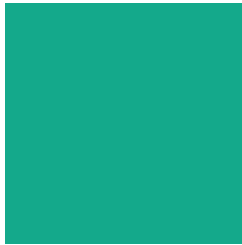
30, 61.305, 28.285



1, 6.799, 5.299

Previews

White Background



This preview shows how the CIELCh color 62, 43.436, 172.904 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, 43.436, 172.904 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

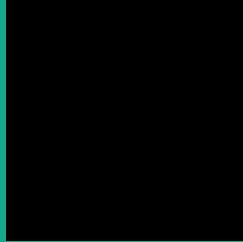
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 43.436, 172.904

Background



This preview shows how black text looks on a background with the CIELCh color 62, 43.436, 172.904.

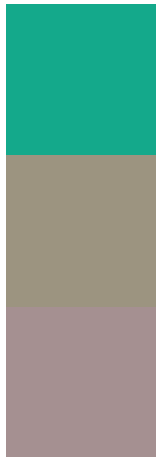


This preview shows how white text looks on a background with the CIELCh color 62, 43.436, 172.904.

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, 43.436, 172.904

Protanopia

61, 11.651, 92.584

Deuteranopia

62, 8.349, 16.355



Tritanopia
62, 30.873, 210.814

Trichromacy



Original Color
62, 43.436, 172.904



Protanomaly
60, 22.980, 161.321



Deuteranomaly
60, 16.221, 177.479



Tritanomaly
62, 34.193, 193.680

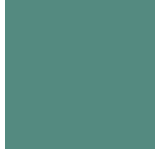
Monochromacy



Original Color
62, 43.436, 172.904



Achromatopsia
51, 0.007, 296.813



Achromatomaly
54, 20.381, 180.845

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 43.436, 172.904 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(20, 169, 139)` looks like.

```
.text, #text, p{  
    color:rgb(20, 169, 139)  
}
```

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(20, 169, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(20, 169, 139) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 43.436, 172.904 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(20, 169, 139) }
```

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

```
.border{ border-color:rgb(20, 169, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(20, 169, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(20, 169, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(20, 169, 139);  
box-shadow:4px 4px 4px 4px rgb(20, 169,  
139) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 43.436, 172.904 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(20, 169, 139) }
```

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

```
.background{ background-color: rgb(20, 169,  
139) }
```

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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