

Converting Colors

CIELCh(62, 36.916, 189.385)

Have a look what the booklet for
CIELCh(62, 36.916, 189.385)
contains.

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Color

CIELCh(62, 36.880, 189.240)

Conversions

Conversions Part 1

Format	Color
Hex	17A79F
RGB	23, 167, 159
RGB Percent	9%, 65%, 62%
CMY	0.9080, 0.3444, 0.3758
CMYK	0.86, 0.00, 0.05, 0.34
HSL	177°, 75%, 37%
HSV	177°, 86%, 66%
XYZ	20.4902, 30.4025, 37.6716
YIQ	123.0320, -83.2560, -33.0160

Conversions

Conversions Part 2

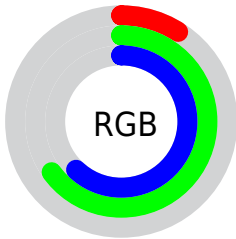
Format	Color
RYB	23, 97, 167
Decimal	1550239
CIELab	62.00, -36.40, -5.92
CIElCh	62, 36.880, 189.240
Yxy	30.4025, 0.2314, 0.3433
Android (android.graphics.Color)	4279740319 (0xFF17A79F)
YUV	123.0320, 17.7322, -87.7281
Hunter-Lab	55.1385, -30.1593, -1.9110

Details

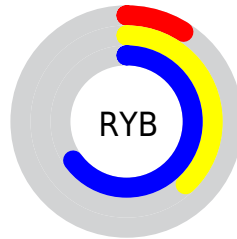
The CIELCh color **62, 36.880, 189.240** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **36, 65.583, 32.408**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **82, 36.857, 189.380**, and **43, 28.857, 188.946** is the 20% darker color. If you saturate the color by 10%, you get **62, 37.938, 188.543**, and if you desaturate by 10%, it is **62, 35.130, 189.901**.

Distribution



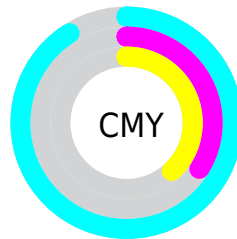
- Red (9%)
- Green (65%)
- Blue (62%)



- Red (9%)
- Yellow (38%)
- Blue (65%)



- Cyan (86%)
- Magenta (0%)
- Yellow (5%)
- Black (34%)





- Cyan (91%)
- Magenta (34%)
- Yellow (38%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 36.880, 189.240 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, 36.880, 189.240 by changing the saturation by 10% instead.


 62, 36.880,
189.240


 62, 36.880,
189.240


 100, 36.880,
189.240


 52, 36.880,
189.240


 82, 36.880,
189.240


 42, 36.880,
189.240

 92, 36.880,
189.240

 32, 36.880,
189.240

 22, 36.880,
189.240

 12, 36.880,
189.240

 2, 36.880, 189.240

 0, 36.880, 189.240

■ 62, 36.880,
189.240

■ 62, 36.880,
189.240

■ 62, 37.938,
188.543

■ 62, 35.130,
189.901

■ 62, 38.283,
188.261

■ 63, 32.619,
190.540

■ 63, 29.343,
191.170

■ 64, 25.342,
191.800

■ 65, 20.685,
192.437

■ 66, 15.466,
193.089

■ 67, 9.783, 193.761

■ 68, 3.738, 194.505

Harmonies

Complementary

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



62, 36.880, 189.240



36, 65.583, 32.408

Rectangle

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



62, 36.880, 189.240



62, 36.880, 239.240



62, 36.880, 9.240



62, 36.880, 59.240

Sweetspot

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



62, 36.880, 189.239



83, 19.099, 193.055



60, 82.439, 136.142



44, 12.908, 192.838



94, 0.011, 296.813



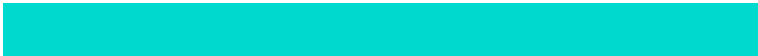
46, 0.006, 296.813

Same Dimension

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



62, 36.880, 189.239



78, 46.497, 188.122



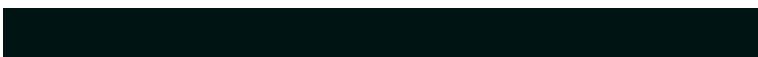
43, 39.956, 269.775



35, 3.541, 194.238



55, 34.968, 188.338



5, 6.623, 193.008

Inverse Universe

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



36, 65.583, 32.408



45, 90.262, 38.172



46, 56.160, 58.374



33, 3.729, 15.396



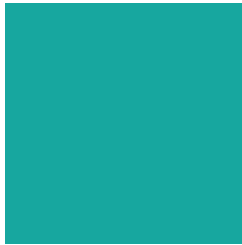
30, 67.064, 37.098



1, 6.594, 15.420

Previews

White Background



This preview shows how the CIELCh color 62, 36.880, 189.240 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, 36.880, 189.240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

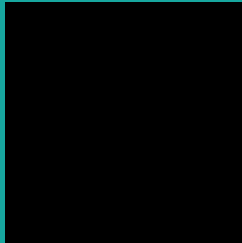
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 36.880, 189.240

Background



This preview shows how black text looks on a background with the CIELCh color 62, 36.880, 189.240.

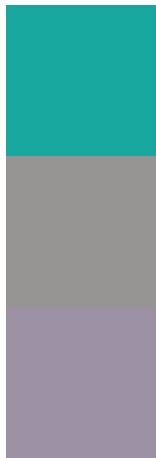


This preview shows how white text looks on a background with the CIELCh color 62, 36.880, 189.240.

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, 36.880, 189.240

Protanopia

62, 1.164, 19.137

Deuteranopia

62, 11.507, 312.251



Tritanopia
62, 31.989, 211.308

Trichromacy



Original Color
62, 36.880, 189.240



Protanomaly
61, 17.723, 192.298



Deuteranomaly
60, 16.073, 216.675



Tritanomaly
62, 33.292, 202.558

Monochromacy



Original Color
62, 36.880, 189.240



Achromatopsia
52, 0.007, 296.813



Achromatomaly
54, 18.456, 192.197

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 36.880, 189.240 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(23, 167, 159)` looks like.

```
.text, #text, p{  
    color:rgb(23, 167, 159)  
}
```

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(23, 167, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 167, 159) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 36.880, 189.240 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(23, 167, 159) }
```

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

```
.border{ border-color:rgb(23, 167, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(23, 167, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 167, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 167, 159);  
box-shadow:4px 4px 4px 4px rgb(23, 167,  
159) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 36.880, 189.240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 167, 159) }
```

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

```
.background{ background-color: rgb(23, 167,  
159) }
```

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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