

Converting Colors

CIELCh(62, 44.428, 169.355)

Have a look what the booklet for
CIELCh(62, 44.428, 169.355)
contains.

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Color

CIELCh(62, 44.364, 169.415)

Conversions

Conversions Part 1

Format	Color
Hex	1EA986
RGB	30, 169, 134
RGB Percent	12%, 66%, 53%
CMY	0.8818, 0.3370, 0.4742
CMYK	0.82, 0.00, 0.21, 0.34
HSL	165°, 70%, 39%
HSV	165°, 82%, 66%
XYZ	19.0477, 30.4025, 27.4425
YIQ	123.4490, -71.6090, -40.3530

Conversions

Conversions Part 2

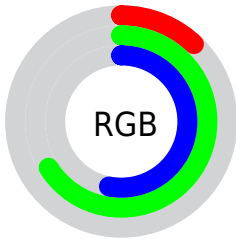
Format	Color
R _Y B	30, 110, 169
Decimal	2009478
CIE Lab	62.00, -43.61, 8.15
CIE LCh	62, 44.364, 169.415
Yxy	30.4025, 0.2477, 0.3954
Android (android.graphics.Color)	4280199558 (0xFF1EA986)
YUV	123.4490, 5.2016, -81.9548
Hunter-Lab	55.1385, -34.8293, 9.0882

Details

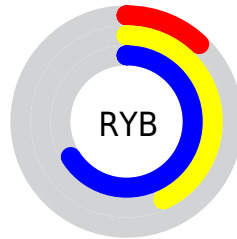
The CIELCh color **62, 44.364, 169.415** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **37, 58.139, 16.090**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **82, 44.367, 169.349**, and **43, 37.758, 164.776** is the 20% darker color. If you saturate the color by 10%, you get **62, 47.003, 167.563**, and if you desaturate by 10%, it is **62, 41.023, 171.083**.

Distribution



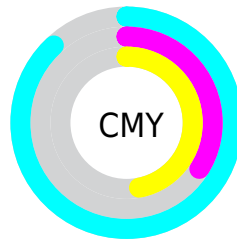
- Red (12%)
- Green (66%)
- Blue (53%)



- Red (12%)
- Yellow (43%)
- Blue (66%)



- Cyan (82%)
- Magenta (0%)
- Yellow (21%)
- Black (34%)



- Cyan (88%)
- Magenta (34%)
- Yellow (47%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 44.364, 169.415 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, 44.364, 169.415 by changing the saturation by 10% instead.


 62, 44.364,
169.415

 62, 44.364,
169.415


 100, 44.364,
169.415


 52, 44.364,
169.415


 82, 44.364,
169.415

 42, 44.364,
169.415

 92, 44.364,
169.415

 32, 44.364,
169.415

 22, 44.364,
169.415

 12, 44.364,
169.415

 2, 44.364, 169.415

 0, 44.364, 169.415

■ 62, 44.364,
169.415

■ 62, 44.364,
169.415

■ 62, 47.003,
167.563

■ 62, 41.023,
171.083

■ 62, 48.740,
166.050

■ 63, 36.961,
172.582

■ 64, 32.214,
173.933

■ 64, 26.861,
175.160

■ 65, 21.002,
176.286

■ 66, 14.746,
177.332

■ 68, 8.204, 178.324

■ 69, 1.475, 179.478

Harmonies

Complementary

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



62, 44.364, 169.415



37, 58.139, 16.090

Rectangle

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



62, 44.364, 169.415



62, 44.364, 219.415



62, 44.364, 349.415



62, 44.364, 39.415

Sweetspot

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



62, 44.364, 169.414



84, 20.432, 176.997



61, 77.927, 133.030



44, 13.832, 176.647



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, 44.364, 169.414



78, 59.259, 165.851



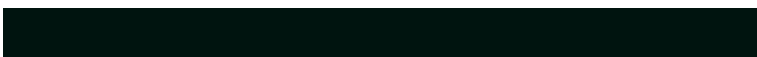
53, 30.747, 235.543



35, 3.811, 178.609



54, 44.024, 166.294



5, 7.292, 174.486

Inverse Universe

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



37, 58.139, 16.090



46, 80.187, 25.483



41, 58.953, 44.359



33, 3.930, 0.178



30, 59.497, 24.209



1, 6.918, 1.971

Previews

White Background



This preview shows how the CIELCh color 62, 44.364, 169.415 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, 44.364, 169.415 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

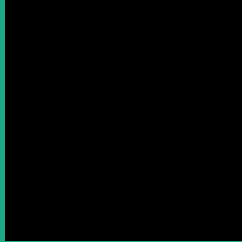
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 44.364, 169.415

Background



This preview shows how black text looks on a background with the CIELCh color 62, 44.364, 169.415.

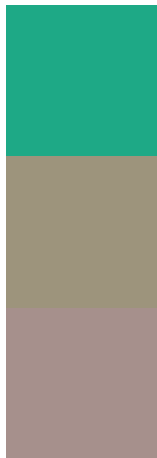


This preview shows how white text looks on a background with the CIELCh color 62, 44.364, 169.415.

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, 44.364, 169.415

Protanopia
61, 13.921, 93.153

Deuteranopia
62, 9.131, 34.309



Tritanopia
62, 29.822, 212.545

Trichromacy



Original Color
62, 44.364, 169.415



Protanomaly
61, 23.456, 155.230



Deuteranomaly
60, 16.123, 166.259



Tritanomaly
62, 33.155, 192.671

Monochromacy



Original Color
62, 44.364, 169.415



Achromatopsia
52, 0.007, 296.813



Achromatomaly
55, 19.689, 176.863

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 44.364, 169.415 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(30, 169, 134)` looks like.

```
.text, #text, p{  
    color:rgb(30, 169, 134)  
}
```

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(30, 169, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 169, 134) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 44.364, 169.415 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(30, 169, 134) }
```

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

```
.border{ border-color:rgb(30, 169, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 169, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 169, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 169, 134);  
box-shadow:4px 4px 4px 4px rgb(30, 169,  
134) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 44.364, 169.415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 169, 134) }
```

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

```
.background{ background-color: rgb(30, 169,  
134) }
```

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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