

Converting Colors

CIELCh(63, 27.450, 171.654)

Have a look what the booklet for
CIELCh(63, 27.450, 171.654)
contains.

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Color

CIELCh(63, 27.450, 171.654)

Conversions

Conversions Part 1

Format	Color
Hex	60A691
RGB	96, 166, 145
RGB Percent	38%, 65%, 57%
CMY	0.6254, 0.3509, 0.4332
CMYK	0.42, 0.00, 0.13, 0.35
HSL	162°, 28%, 51%
HSV	162°, 42%, 65%
XYZ	23.3965, 31.5869, 31.4620
YIQ	142.6760, -34.9790, -21.3710

Conversions

Conversions Part 2

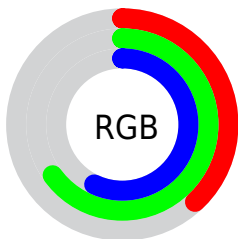
Format	Color
RYB	96, 137, 166
Decimal	6334097
CIELab	63.00, -27.16, 3.98
CIElCh	63, 27.450, 171.654
Yxy	31.5869, 0.2707, 0.3654
Android (android.graphics.Color)	4284524177 (0xFF60A691)
YUV	142.6760, 1.1457, -40.9349
Hunter-Lab	56.2022, -24.0460, 6.1510

Details

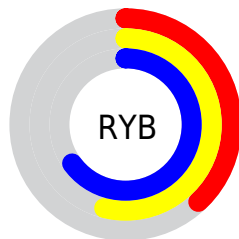
The CIELCh color **63, 27.450, 171.654** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **49, 31.101, 1.093**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **83, 27.128, 172.069**, and **43, 27.426, 171.665** is the 20% darker color. If you saturate the color by 10%, you get **62, 33.019, 170.370**, and if you desaturate by 10%, it is **64, 21.412, 172.819**.

Distribution



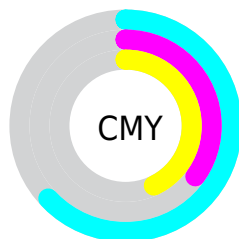
- Red (38%)
- Green (65%)
- Blue (57%)



- Red (38%)
- Yellow (54%)
- Blue (65%)



- Cyan (42%)
- Magenta (0%)
- Yellow (13%)
- Black (35%)





- Cyan (63%)
- Magenta (35%)
- Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 27.450, 171.654 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 63, 27.450, 171.654 by changing the saturation by 10% instead.


 63, 27.450,
171.654


 63, 27.450,
171.654


 100, 27.450,
171.654


 53, 27.450,
171.654


 83, 27.450,
171.654

 43, 27.450,
171.654

 93, 27.450,
171.654

 33, 27.450,
171.654

 23, 27.450,
171.654

 13, 27.450,
171.654

 3, 27.450, 171.654

 0, 27.450, 171.654

■ 63, 27.450,
171.654

■ 63, 27.450,
171.654

■ 62, 33.019,
170.370

■ 64, 21.412,
172.819

■ 62, 38.015,
168.949

■ 65, 15.014,
173.892

■ 61, 42.356,
167.364

■ 66, 8.365, 174.899

■ 61, 46.002,
165.596

■ 68, 1.564, 176.033

■ 69, 5.308, 356.552

■ 60, 48.966,
163.633

■ 71, 12.182,
357.412

■ 60, 50.946,
162.063

■ 72, 19.006,
358.199

■ 74, 25.740,
358.945

■ 76, 32.358,
359.656

Harmonies

Complementary

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



63, 27.450, 171.654



49, 31.101, 1.093

Rectangle

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



63, 27.450, 171.654



63, 27.450, 221.654



63, 27.450, 351.654



63, 27.450, 41.654

Sweetspot

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



63, 27.451, 171.653



84, 10.909, 174.805



63, 43.003, 133.656



44, 7.605, 174.595



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



63, 27.451, 171.653



79, 39.771, 170.420



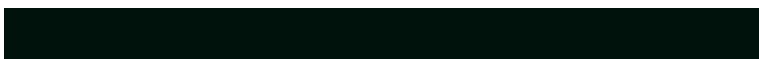
59, 19.659, 221.898



34, 3.816, 175.200



53, 46.128, 162.319



4, 6.188, 172.161

Inverse Universe

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



49, 31.101, 1.093



58, 46.332, 2.914



52, 26.620, 39.488



32, 3.918, 356.771



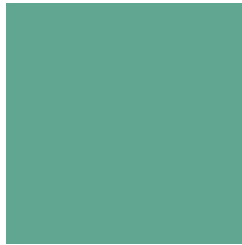
30, 57.337, 19.930



1, 5.902, 357.954

Previews

White Background



This preview shows how the CIELCh color 63, 27.450, 171.654 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 63, 27.450, 171.654 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 63, 27.450, 171.654

Background



This preview shows how black text looks on a background with the CIELCh color 63, 27.450, 171.654.

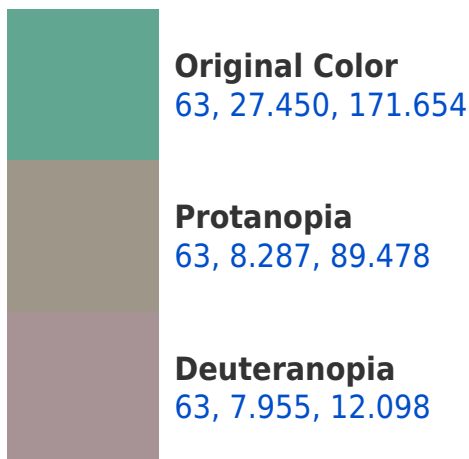


This preview shows how white text looks on a background with the CIELCh color 63, 27.450, 171.654.

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
63, 20.018, 219.415

Trichromacy



Original Color
63, 27.450, 171.654

Protanomaly
62, 12.157, 151.013

Deuteranomaly
62, 6.382, 161.023

Tritanomaly
63, 21.164, 197.595

Monochromacy



Original Color
63, 27.450, 171.654

Achromatopsia
59, 0.008, 296.813

Achromatomaly
60, 10.882, 173.878

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 27.450, 171.654 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(96, 166, 145)` looks like.

```
.text, #text, p{  
    color:rgb(96, 166, 145)  
}
```

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(96, 166, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 166, 145) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 27.450, 171.654 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(96, 166, 145) }
```

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

```
.border{ border-color:rgb(96, 166, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 166, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 166, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 166, 145);  
box-shadow:4px 4px 4px 4px rgb(96, 166,  
145) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 27.450, 171.654 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 166, 145) }
```

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

```
.background{ background-color: rgb(96, 166,  
145) }
```

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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