

Converting Colors

CIELCh(63, 30.124, 183.851)

Have a look what the booklet for
CIELCh(63, 30.124, 183.851)
contains.

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Color

CIELCh(63, 30.131, 183.862)

Conversions

Conversions Part 1

Format	Color
Hex	4CA79B
RGB	76, 167, 155
RGB Percent	30%, 65%, 61%
CMY	0.7015, 0.3447, 0.3918
CMYK	0.54, 0.00, 0.07, 0.34
HSL	172°, 37%, 48%
HSV	172°, 54%, 66%
XYZ	22.7522, 31.5869, 35.9531
YIQ	138.4230, -50.3840, -23.0240

Conversions

Conversions Part 2

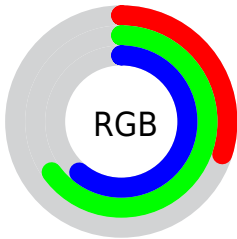
Format	Color
RYB	76, 125, 167
Decimal	5023643
CIELab	63.00, -30.06, -2.03
CIElCh	63, 30.131, 183.862
Yxy	31.5869, 0.2520, 0.3498
Android (android.graphics.Color)	4283213723 (0xFF4CA79B)
YUV	138.4230, 8.1725, -54.7450
Hunter-Lab	56.2022, -26.0923, 1.4132

Details

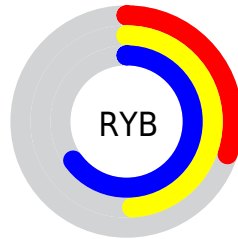
The CIELCh color **63, 30.131, 183.862** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **44, 40.211, 16.234**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **83, 30.509, 183.167**, and **43, 29.861, 184.347** is the 20% darker color. If you saturate the color by 10%, you get **62, 33.916, 182.840**, and if you desaturate by 10%, it is **64, 25.666, 184.817**.

Distribution



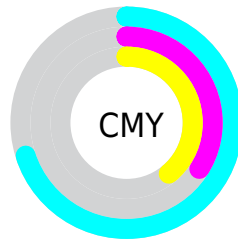
- Red (30%)
- Green (65%)
- Blue (61%)



- Red (30%)
- Yellow (49%)
- Blue (65%)



- Cyan (54%)
- Magenta (0%)
- Yellow (7%)
- Black (34%)





- Cyan (70%)
- Magenta (34%)
- Yellow (39%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 30.131, 183.862 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, 30.131, 183.862 by changing the saturation by 10% instead.


 63, 30.131,
183.862


 63, 30.131,
183.862


 100, 30.131,
183.862


 53, 30.131,
183.862


 83, 30.131,
183.862

 43, 30.131,
183.862

 93, 30.131,
183.862

 33, 30.131,
183.862

 23, 30.131,
183.862

 13, 30.131,
183.862

 3, 30.131, 183.862

 0, 30.131, 183.862

63, 30.131,
183.862

63, 30.131,
183.862

62, 33.916,
182.840

64, 25.666,
184.817

62, 36.964,
181.736

65, 20.603,
185.725

62, 39.263,
180.528

66, 15.044,
186.598

61, 40.856,
179.201

67, 9.092, 187.455

61, 41.581,
178.448

68, 2.847, 188.379

69, 3.598, 8.882

71, 10.168, 9.742

72, 16.797, 10.520

74, 23.434, 11.272

Harmonies

Complementary

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



63, 30.131, 183.862



44, 40.211, 16.234

Rectangle

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



63, 30.131, 183.862



63, 30.131, 233.862



63, 30.131, 3.862



63, 30.131, 53.862

Sweetspot

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



63, 30.131, 183.860



84, 12.392, 187.298



62, 57.801, 137.231



45, 8.399, 187.129



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



63, 30.131, 183.860



79, 41.869, 182.656



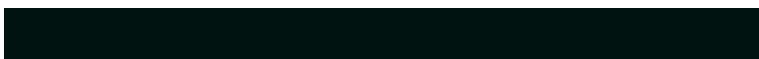
53, 25.174, 248.826



35, 3.614, 187.905



55, 37.955, 178.604



5, 6.809, 184.996

Inverse Universe

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



44, 40.211, 16.234



53, 59.727, 19.504



52, 33.904, 55.426



33, 3.774, 9.301



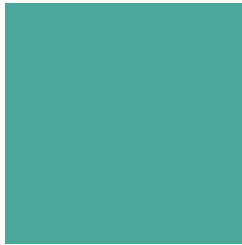
30, 64.129, 33.144



1, 6.675, 10.049

Previews

White Background



This preview shows how the CIE LCh color 63, 30.131, 183.862 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 63, 30.131, 183.862 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, 30.131, 183.862

Background



This preview shows how black text looks on a background with the CIELCh color 63, 30.131, 183.862.

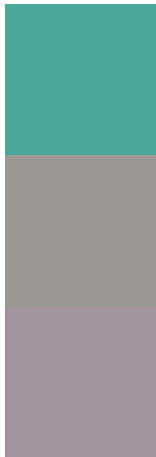


This preview shows how white text looks on a background with the CIELCh color 63, 30.131, 183.862.

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
63, 30.131, 183.862

Protanopia
63, 3.185, 80.393

Deuteranopia
63, 9.128, 332.935



Tritanopia
63, 25.219, 214.402

Trichromacy



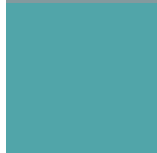
Original Color
63, 30.131, 183.862



Protanomaly
62, 12.454, 177.140



Deuteranomaly
62, 8.643, 213.838

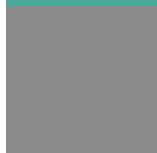


Tritanomaly
63, 26.157, 202.195

Monochromacy



Original Color
63, 30.131, 183.862



Achromatopsia
58, 0.007, 296.813



Achromatomaly
59, 12.429, 187.712

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 30.131, 183.862 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(76, 167, 155)` looks like.

```
.text, #text, p{  
    color:rgb(76, 167, 155)  
}
```

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(76, 167, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 167, 155) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 30.131, 183.862 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(76, 167, 155) }
```

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

```
.border{ border-color:rgb(76, 167, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 167, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 167, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 167, 155);  
box-shadow:4px 4px 4px 4px rgb(76, 167,  
155) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 30.131, 183.862 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 167, 155) }
```

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

```
.background{ background-color: rgb(76, 167,  
155) }
```

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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