

Converting Colors

CIELCh(63, 14.964, 175.073)

Have a look what the booklet for
CIELCh(63, 14.964, 175.073)
contains.

CIELCh(63, 14.851, 175.908)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(63, 14.851, 175.908)

Conversions

Conversions Part 1

Format	Color
Hex	7BA096
RGB	123, 160, 150
RGB Percent	48%, 63%, 59%
CMY	0.5174, 0.3723, 0.4115
CMYK	0.23, 0.00, 0.06, 0.37
HSL	164°, 16%, 56%
HSV	164°, 23%, 63%
XYZ	26.2723, 31.5869, 33.5963
YIQ	147.7970, -18.8420, -10.9540

Conversions

Conversions Part 2

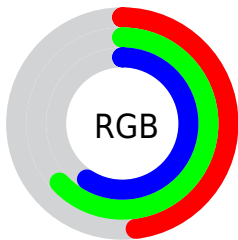
Format	Color
RYB	123, 144, 160
Decimal	8102038
CIELab	63.00, -14.81, 1.06
CIElCh	63, 14.851, 175.908
Yxy	31.5869, 0.2873, 0.3454
Android (android.graphics.Color)	4286292118 (0xFF7BA096)
YUV	147.7970, 1.0861, -21.7470
Hunter-Lab	56.2022, -14.9123, 3.8995

Details

The CIELCh color $63, 14.851, 175.908$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $55, 15.982, 0.413$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 15.020, 175.531$, and $43, 14.741, 176.021$ is the 20% darker color. If you saturate the color by 10%, you get $62, 20.900, 174.844$, and if you desaturate by 10%, it is $64, 8.534, 176.904$.

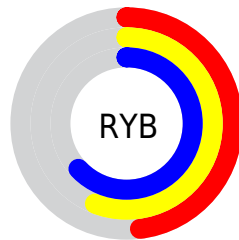
Distribution



Red (48%)

Green (63%)

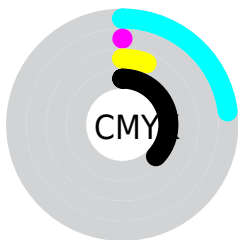
Blue (59%)



Red (48%)

Yellow (56%)

Blue (63%)

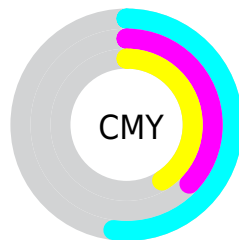


Cyan (23%)

Magenta (0%)

Yellow (6%)

Black (37%)



Cyan (52%)


Magenta (37%)

Yellow (41%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 14.851, 175.908 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, 14.851, 175.908 by changing the saturation by 10% instead.


 63, 14.851,
175.908


 63, 14.851,
175.908


 100, 14.851,
175.908


 53, 14.851,
175.908


 83, 14.851,
175.908

 43, 14.851,
175.908

 93, 14.851,
175.908

 33, 14.851,
175.908

 23, 14.851,
175.908

 13, 14.851,
175.908

 3, 14.851, 175.908

 0, 14.851, 175.908

63, 14.851,
175.908

63, 14.851,
175.908

62, 20.900,
174.844

64, 8.534, 176.904

61, 26.574,
173.696

65, 2.042, 177.975

67, 4.542, 358.548

60, 31.769,
172.441

68, 11.151,
359.424

60, 36.388,
171.054

70, 17.730, 0.223

59, 40.358,
169.513

72, 24.241, 0.980

74, 30.654, 1.706

59, 43.646,
167.796

76, 36.949, 2.402

59, 46.270,
165.893

76, 38.855, 0.071

58, 47.850,

164.549

Harmonies

Complementary

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



63, 14.851, 175.908



55, 15.982, 0.413

Rectangle

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



63, 14.851, 175.908



63, 14.851, 225.908



63, 14.851, 355.908



63, 14.851, 45.908

Sweetspot

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



63, 14.852, 175.905



83, 5.690, 177.499



63, 23.135, 135.205



43, 3.688, 177.444



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



63, 14.852, 175.905



80, 22.161, 175.339



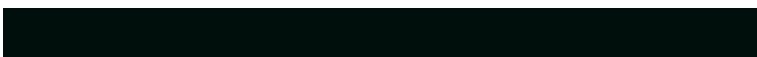
61, 11.170, 222.541



33, 3.655, 177.286



52, 43.868, 164.772



3, 4.919, 175.574

Inverse Universe

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



55, 15.982, 0.413



68, 24.291, 1.114



57, 12.967, 40.927



31, 3.762, 358.845



29, 57.364, 22.440



1, 4.795, 359.049

Previews

White Background



This preview shows how the CIELCh color 63, 14.851, 175.908 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, 14.851, 175.908 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

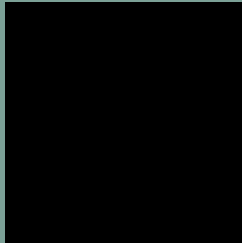
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 14.851, 175.908

Background



This preview shows how black text looks on a background with the CIELCh color 63, 14.851, 175.908.

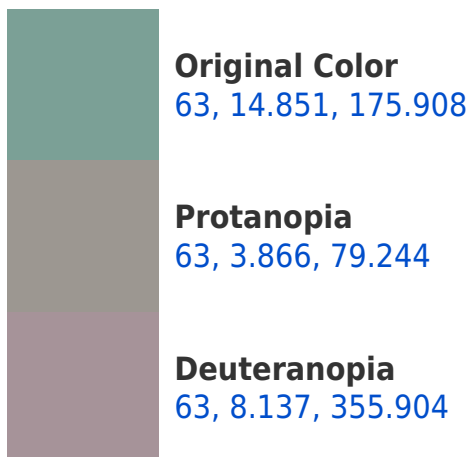


This preview shows how white text looks on a background with the CIELCh color 63, 14.851, 175.908.

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, 12.574, 234.195

Trichromacy



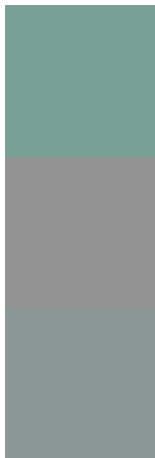
Original Color
63, 14.851, 175.908

Protanomaly
63, 5.523, 153.900

Deuteranomaly
63, 0.765, 199.922

Tritanomaly
63, 11.677, 212.405

Monochromacy



Original Color
63, 14.851, 175.908

Achromatopsia
61, 0.008, 296.813

Achromatomaly
62, 5.246, 180.256

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 14.851, 175.908 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(123, 160, 150)` looks like.

```
.text, #text, p{  
    color:rgb(123, 160, 150)  
}
```

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(123, 160, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 160, 150) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 14.851, 175.908 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(123, 160, 150) }
```

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

```
.border{ border-color:rgb(123, 160, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 160, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 160, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 160, 150);  
box-shadow:4px 4px 4px 4px rgb(123, 160,  
150) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 14.851, 175.908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 160, 150) }
```

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

```
.background{ background-color: rgb(123,  
160, 150) }
```

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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