

Converting Colors

CIELCh(63, 21.125, 174.645)

Have a look what the booklet for
CIELCh(63, 21.125, 174.645)
contains.

CIELCh(63, 21.327, 174.297)	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, 21.327, 174.297)

Conversions

Conversions Part 1

Format	Color
Hex	6DA394
RGB	109, 163, 148
RGB Percent	43%, 64%, 58%
CMY	0.5725, 0.3607, 0.4196
CMYK	0.33, 0.00, 0.09, 0.36
HSL	163°, 23%, 53%
HSV	163°, 33%, 64%
XYZ	24.7519, 31.5869, 32.8122
YIQ	145.1440, -27.3690, -16.1130

Conversions

Conversions Part 2

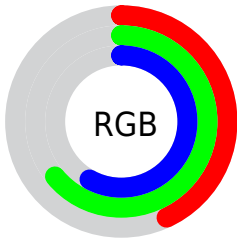
Format	Color
RYB	109, 140, 163
Decimal	7185300
CIELab	63.00, -21.22, 2.12
CIElCh	63, 21.327, 174.297
Yxy	31.5869, 0.2776, 0.3543
Android (android.graphics.Color)	4285375380 (0xFF6DA394)
YUV	145.1440, 1.4080, -31.6983
Hunter-Lab	56.2022, -19.7412, 4.7266

Details

The CIELCh color **63, 21.327, 174.297** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **52, 23.687, 1.225**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **83, 21.331, 174.477**, and **43, 21.519, 173.794** is the 20% darker color. If you saturate the color by 10%, you get **62, 27.128, 173.138**, and if you desaturate by 10%, it is **64, 15.152, 175.362**.

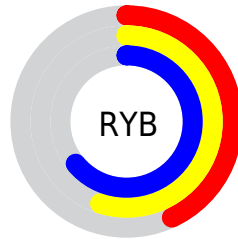
Distribution



Red (43%)

Green (64%)

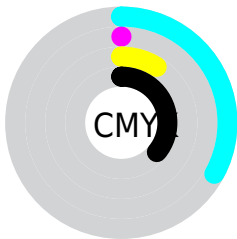
Blue (58%)



Red (43%)

Yellow (55%)

Blue (64%)

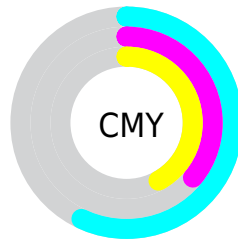


Cyan (33%)

Magenta (0%)

Yellow (9%)

Black (36%)



Cyan (57%)


Magenta (36%)


Yellow (42%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 21.327, 174.297 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, 21.327, 174.297 by changing the saturation by 10% instead.


 63, 21.327,
174.297


 63, 21.327,
174.297


 100, 21.327,
174.297


 53, 21.327,
174.297


 83, 21.327,
174.297

 43, 21.327,
174.297

 93, 21.327,
174.297

 33, 21.327,
174.297

 23, 21.327,
174.297

 13, 21.327,
174.297

 3, 21.327, 174.297

 0, 21.327, 174.297

63, 21.327,
174.297

63, 21.327,
174.297

62, 27.128,
173.138

64, 15.152,
175.362

61, 32.443,
171.871

65, 8.706, 176.366

67, 2.088, 177.438

61, 37.177,
170.469

68, 4.620, 358.015

60, 41.253,
168.910

70, 11.347,
358.892

60, 44.637,
167.172

71, 18.041,
359.689

60, 47.348,
165.245

73, 24.661, 0.446

59, 48.979,
163.885

75, 31.178, 1.169

77, 37.318, 1.676

Harmonies

Complementary

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



63, 21.327, 174.297



52, 23.687, 1.225

Rectangle

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



63, 21.327, 174.297



63, 21.327, 224.297



63, 21.327, 354.297



63, 21.327, 44.297

Sweetspot

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



63, 21.328, 174.295



83, 8.224, 176.656



63, 33.606, 134.665



44, 5.649, 176.524



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, 21.328, 174.295



79, 31.310, 173.424



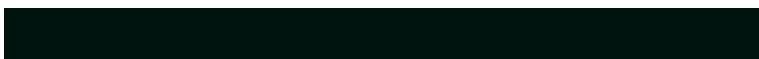
60, 15.699, 223.316



34, 3.768, 176.748



53, 44.880, 164.107



4, 6.104, 173.685

Inverse Universe

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



52, 23.687, 1.225



63, 35.676, 2.420



55, 19.650, 40.922



32, 3.876, 358.317



30, 57.926, 21.887



1, 5.843, 359.394

Previews

White Background



This preview shows how the CIELCh color 63, 21.327, 174.297 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, 21.327, 174.297 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

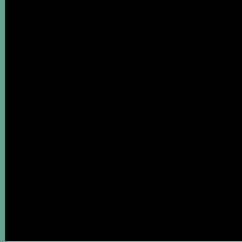
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 21.327, 174.297

Background



This preview shows how black text looks on a background with the CIELCh color 63, 21.327, 174.297.

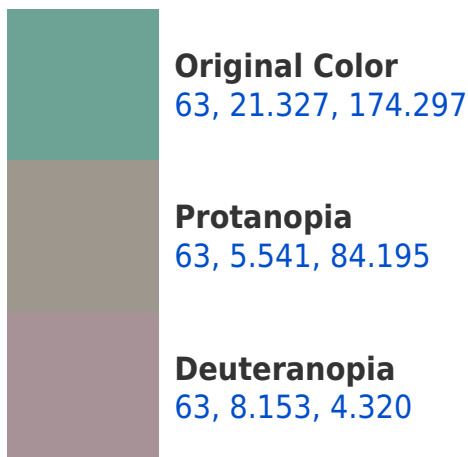


This preview shows how white text looks on a background with the CIELCh color 63, 21.327, 174.297.

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, 16.342, 224.890

Trichromacy



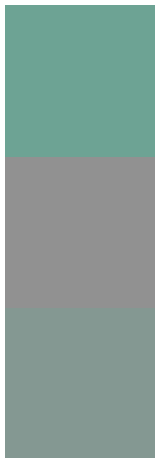
Original Color
63, 21.327, 174.297

Protanomaly
63, 8.497, 152.357

Deuteranomaly
63, 3.180, 167.415

Tritanomaly
63, 16.339, 203.965

Monochromacy



Original Color
63, 21.327, 174.297

Achromatopsia
60, 0.008, 296.813

Achromatomaly
61, 8.352, 174.810

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 21.327, 174.297 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(109, 163, 148)` looks like.

```
.text, #text, p{  
    color:rgb(109, 163, 148)  
}
```

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(109, 163, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 163, 148) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 21.327, 174.297 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(109, 163, 148) }
```

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

```
.border{ border-color:rgb(109, 163, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 163, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 163, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 163, 148);  
box-shadow:4px 4px 4px 4px rgb(109, 163,  
148) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 21.327, 174.297 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 163, 148) }
```

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

```
.background{ background-color: rgb(109,  
163, 148) }
```

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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