

Converting Colors

CIELCh(63, 31.587, 151.310)

Have a look what the booklet for
CIELCh(63, 31.587, 151.310)
contains.

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Color

CIELCh(63, 31.428, 151.792)

Conversions

Conversions Part 1

Format	Color
Hex	6BA57D
RGB	107, 165, 125
RGB Percent	42%, 65%, 49%
CMY	0.5798, 0.3523, 0.5092
CMYK	0.35, 0.00, 0.24, 0.35
HSL	139°, 24%, 53%
HSV	139°, 35%, 65%
XYZ	23.2766, 31.5869, 24.3225
YIQ	143.0980, -21.7280, -24.7360

Conversions

Conversions Part 2

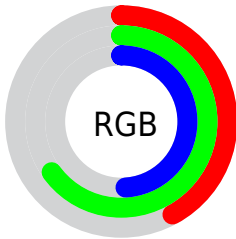
Format	Color
RYB	107, 151, 165
Decimal	7054717
CIELab	63.00, -27.70, 14.86
CIELCh	63, 31.428, 151.792
Yxy	31.5869, 0.2939, 0.3989
Android (android.graphics.Color)	4285244797 (0xFF6BA57D)
YUV	143.0980, -8.9223, -31.6579
Hunter-Lab	56.2022, -24.4268, 13.6828

Details

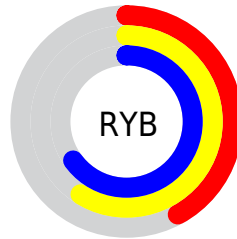
The CIELCh color **63, 31.428, 151.792** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **53, 31.816, 337.276**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **83, 31.158, 152.119**, and **43, 31.608, 151.834** is the 20% darker color. If you saturate the color by 10%, you get **62, 40.025, 150.667**, and if you desaturate by 10%, it is **64, 22.563, 152.773**.

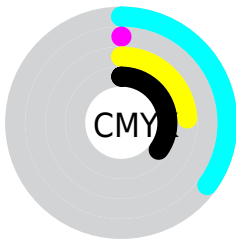
Distribution



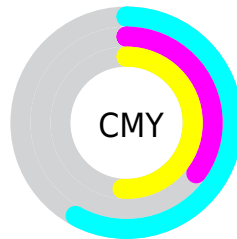
- Red (42%)
- Green (65%)
- Blue (49%)



- Red (42%)
- Yellow (59%)
- Blue (65%)



- Cyan (35%)
- Magenta (0%)
- Yellow (24%)
- Black (35%)





- Cyan (58%)
- Magenta (35%)
- Yellow (51%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 31.428, 151.792 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, 31.428, 151.792 by changing the saturation by 10% instead.


 63, 31.428,
151.792


 63, 31.428,
151.792


 100, 31.428,
151.792


 53, 31.428,
151.792


 83, 31.428,
151.792

 43, 31.428,
151.792

 93, 31.428,
151.792

 33, 31.428,
151.792

 23, 31.428,
151.792

 13, 31.428,
151.792

 3, 31.428, 151.792

 0, 31.428, 151.792

■ 63, 31.428,
151.792

■ 63, 31.428,
151.792

■ 62, 40.025,
150.667

■ 64, 22.563,
152.773

■ 61, 48.190,
149.378

■ 66, 13.571,
153.633

■ 60, 55.759,
147.910

■ 67, 4.573, 154.422

■ 60, 62.580,
146.261

■ 69, 4.337, 334.946

■ 60, 68.532,
144.447

■ 70, 13.088,
335.574

■ 59, 73.547,
142.521

■ 72, 21.631,
336.103

■ 59, 75.741,
141.644

■ 74, 29.936,
336.574

■ 76, 37.985,
337.000

■ 78, 45.588,
337.096

Harmonies

Complementary

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



63, 31.428, 151.792



53, 31.816, 337.276

Rectangle

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



63, 31.428, 151.792



63, 31.428, 201.792



63, 31.428, 331.792



63, 31.428, 21.792

Sweetspot

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



63, 31.429, 151.792



84, 12.181, 153.945



65, 32.367, 119.800



44, 8.174, 153.845



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, 31.429, 151.792



79, 46.154, 150.946



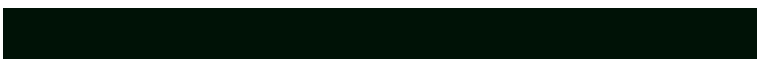
64, 21.594, 179.997



34, 5.015, 154.096



52, 68.598, 141.877



4, 7.957, 153.536

Inverse Universe

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



53, 31.816, 337.276



64, 46.714, 337.930



52, 24.976, 7.281



32, 5.042, 335.295



32, 60.551, 345.214



1, 7.474, 337.147

Previews

White Background



This preview shows how the CIELCh color 63, 31.428, 151.792 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, 31.428, 151.792 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, 31.428, 151.792

Background



This preview shows how black text looks on a background with the CIELCh color 63, 31.428, 151.792.

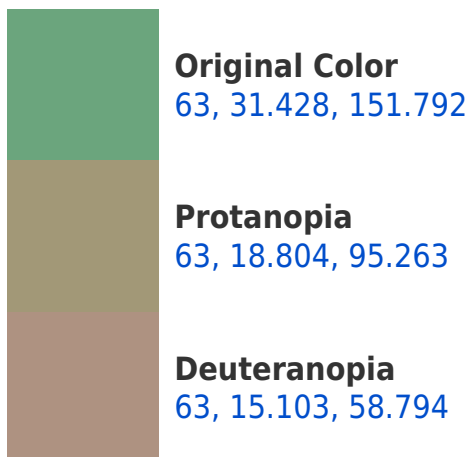



This preview shows how white text looks on a background with the CIELCh color 63, 31.428, 151.792.

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, 15.801, 225.914

Trichromacy



Original Color
63, 31.428, 151.792

Protanomaly
63, 20.872, 125.001

Deuteranomaly
62, 13.964, 113.638

Tritanomaly
63, 17.486, 186.732

Monochromacy



Original Color
63, 31.428, 151.792

Achromatopsia
59, 0.008, 296.813

Achromatomaly
61, 11.398, 154.682

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 31.428, 151.792 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(107, 165, 125)` looks like.

```
.text, #text, p{  
    color:rgb(107, 165, 125)  
}
```

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(107, 165, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 165, 125) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 31.428, 151.792 is called "border". The border property can be set on classes, ids or directly on the HTML element.

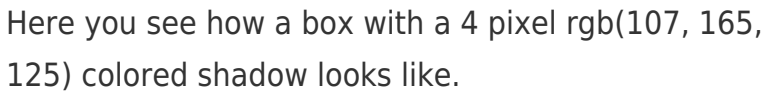
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(107, 165, 125) }
```

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

```
.border{ border-color:rgb(107, 165, 125) }
```

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



Here you see how a box with a 4 pixel `rgb(107, 165, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 165, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 165, 125);  
box-shadow:4px 4px 4px 4px rgb(107, 165,  
125) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 31.428, 151.792 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 165, 125) }
```

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

```
.background{ background-color: rgb(107,  
165, 125) }
```

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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