

Converting Colors

CIELCh(63, 26.636, 142.967)

Have a look what the booklet for
CIELCh(63, 26.636, 142.967)
contains.

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Color

CIELCh(63, 26.614, 142.881)

Conversions

Conversions Part 1

Format	Color
Hex	7BA27B
RGB	123, 162, 123
RGB Percent	48%, 64%, 48%
CMY	0.5168, 0.3638, 0.5168
CMYK	0.24, 0.00, 0.24, 0.36
HSL	120°, 17%, 56%
HSV	120°, 24%, 64%
XYZ	24.7518, 31.5869, 23.6047
YIQ	145.8930, -10.7250, -20.3970

Conversions

Conversions Part 2

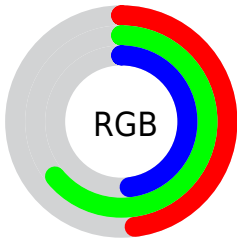
Format	Color
RYB	123, 162, 162
Decimal	8102523
CIELab	63.00, -21.22, 16.06
CIELCh	63, 26.614, 142.881
Yxy	31.5869, 0.3096, 0.3951
Android (android.graphics.Color)	4286292603 (0xFF7BA27B)
YUV	145.8930, -11.2862, -20.0772
Hunter-Lab	56.2022, -19.7413, 14.4400

Details

The CIELCh color **63, 26.614, 142.881** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **57, 26.627, 325.720**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **83, 26.481, 143.245**, and **43, 26.546, 142.895** is the 20% darker color. If you saturate the color by 10%, you get **62, 37.586, 142.037**, and if you desaturate by 10%, it is **64, 15.508, 143.613**.

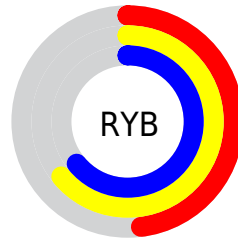
Distribution



Red (48%)

Green (64%)

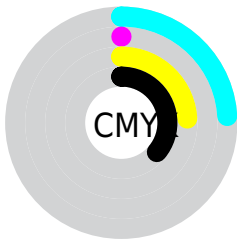
Blue (48%)



Red (48%)

Yellow (64%)

Blue (64%)

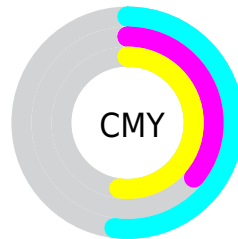


Cyan (24%)

Magenta (0%)

Yellow (24%)

Black (36%)



Cyan (52%)


Magenta (36%)


Yellow (52%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 26.614, 142.881 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, 26.614, 142.881 by changing the saturation by 10% instead.

 63, 26.614,
142.881


 63, 26.614,
142.881


 100, 26.614,
142.881


 53, 26.614,
142.881


 83, 26.614,
142.881

 43, 26.614,
142.881

 93, 26.614,
142.881

 33, 26.614,
142.881

 23, 26.614,
142.881

 13, 26.614,
142.881

 3, 26.614, 142.881

 0, 26.614, 142.881

■ 63, 26.614,
142.881

■ 63, 26.614,
142.881

■ 62, 37.586,
142.037

■ 64, 15.508,
143.613

■ 61, 48.195,
141.075

■ 66, 4.435, 144.267

■ 60, 58.153,
140.013

■ 68, 6.481, 324.707

■ 59, 67.111,
138.897

■ 70, 17.154,
325.173

■ 59, 74.658,
137.816

■ 72, 27.531,
325.554

■ 58, 80.363,
136.901

■ 74, 37.583,
325.876


■ 58, 83.904,
136.287

■ 76, 47.297,
326.150

■ 58, 85.403,

■ 78, 56.673,
326.384

136.016

 79, 57.798,
326.412

Harmonies

Complementary

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



63, 26.614, 142.881



57, 26.627, 325.720

Rectangle

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



63, 26.614, 142.881



63, 26.614, 192.881



63, 26.614, 322.881



63, 26.614, 12.881

Sweetspot

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



63, 26.615, 142.881



83, 9.553, 144.065



66, 21.053, 107.196



44, 6.260, 144.029



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, 26.615, 142.881



79, 39.825, 142.431



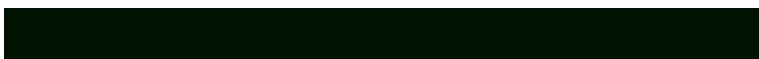
63, 18.638, 160.683



34, 6.258, 143.928



52, 78.791, 136.016



4, 9.703, 144.441

Inverse Universe

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



57, 26.627, 325.720



70, 39.823, 326.009



56, 19.150, 344.832



32, 6.267, 324.916



34, 76.022, 328.230



2, 9.704, 324.436

Previews

White Background



This preview shows how the CIELCh color 63, 26.614, 142.881 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, 26.614, 142.881 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

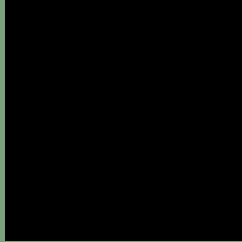
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 26.614, 142.881

Background



This preview shows how black text looks on a background with the CIELCh color 63, 26.614, 142.881.



This preview shows how white text looks on a background with the CIELCh color 63, 26.614, 142.881.

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](#).

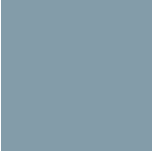
Dichromacy



Original Color
63, 26.614, 142.881

Protanopia
63, 19.343, 95.541

Deuteranopia
63, 16.533, 59.743



Tritanopia
63, 11.276, 239.184

Trichromacy



Original Color
63, 26.614, 142.881

Protanomaly
63, 20.196, 117.363

Deuteranomaly
63, 14.603, 100.478

Tritanomaly
63, 11.668, 181.598

Monochromacy



Original Color
63, 26.614, 142.881

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 9.614, 143.937

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 26.614, 142.881 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, 162, 123)` looks like.

```
.text, #text, p{  
    color:rgb(123, 162, 123)  
}
```

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, 162, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 162, 123) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 26.614, 142.881 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, 162, 123) }
```

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

```
.border{ border-color:rgb(123, 162, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 162, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 162, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 162, 123);  
box-shadow:4px 4px 4px 4px rgb(123, 162,  
123) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 26.614, 142.881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 162, 123) }
```

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

```
.background{ background-color: rgb(123,  
162, 123) }
```

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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