

Converting Colors

CIELCh(63, 35.064, 142.836)

Have a look what the booklet for
CIELCh(63, 35.064, 142.836)
contains.

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Color

CIELCh(63, 34.863, 142.763)

Conversions

Conversions Part 1

Format	Color
Hex	71A572
RGB	113, 165, 114
RGB Percent	44%, 65%, 45%
CMY	0.5573, 0.3534, 0.5533
CMYK	0.32, 0.00, 0.31, 0.35
HSL	121°, 22%, 54%
HSV	121°, 32%, 65%
XYZ	23.2631, 31.5869, 20.7596
YIQ	143.6380, -14.6210, -26.8850

Conversions

Conversions Part 2

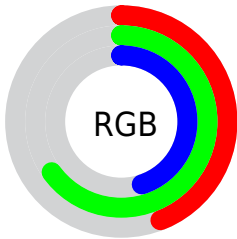
Format	Color
RYB	113, 164, 165
Decimal	7447922
CIELab	63.00, -27.76, 21.10
CIElCh	63, 34.863, 142.763
Yxy	31.5869, 0.3077, 0.4178
Android (android.graphics.Color)	4285638002 (0xFF71A572)
YUV	143.6380, -14.6115, -26.8695
Hunter-Lab	56.2022, -24.4696, 17.4415

Details

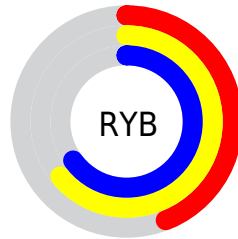
The CIELCh color **63, 34.863, 142.763** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **55, 34.856, 326.652**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **83, 34.810, 142.802**, and **43, 35.336, 142.669** is the 20% darker color. If you saturate the color by 10%, you get **62, 45.600, 141.822**, and if you desaturate by 10%, it is **64, 23.835, 143.584**.

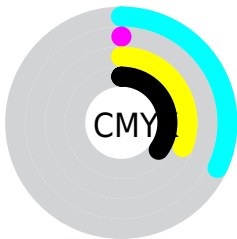
Distribution



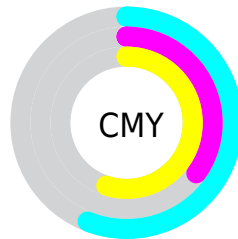
- Red (44%)
- Green (65%)
- Blue (45%)



- Red (44%)
- Yellow (64%)
- Blue (65%)



- Cyan (32%)
- Magenta (0%)
- Yellow (31%)
- Black (35%)





- Cyan (56%)
- Magenta (35%)
- Yellow (55%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 34.863, 142.763 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, 34.863, 142.763 by changing the saturation by 10% instead.


 63, 34.863,
142.763


 63, 34.863,
142.763


 100, 34.863,
142.763

 53, 34.863,
142.763


 83, 34.863,
142.763

 43, 34.863,
142.763

 93, 34.863,
142.763

 33, 34.863,
142.763

 23, 34.863,
142.763

 13, 34.863,
142.763

 3, 34.863, 142.763

 0, 34.863, 142.763

■ 63, 34.863,
142.763

■ 63, 34.863,
142.763

■ 62, 45.600,
141.822

■ 64, 23.835,
143.584

■ 61, 55.779,
140.766

■ 66, 12.719,
144.295

■ 60, 65.078,
139.628

■ 67, 1.674, 145.010

■ 60, 73.119,
138.477

■ 69, 9.189, 325.357

■ 59, 79.491,
137.426

■ 71, 19.794,
325.802

■ 59, 83.829,
136.613

■ 73, 30.094,
326.172

■ 59, 86.053,
136.196

■ 75, 40.065,
326.486

■ 78, 49.697,
326.755

■ 79, 56.200,
326.359

Harmonies

Complementary

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



63, 34.863, 142.763



55, 34.856, 326.652

Rectangle

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



63, 34.863, 142.763



63, 34.863, 192.763



63, 34.863, 322.763



63, 34.863, 12.763

Sweetspot

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



63, 34.864, 142.763



84, 12.260, 144.450



66, 28.297, 107.923



44, 8.512, 144.359



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, 34.864, 142.763



79, 51.756, 142.101



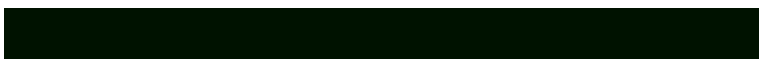
64, 24.010, 161.636



34, 6.176, 144.444



52, 78.391, 136.225



4, 9.588, 144.911

Inverse Universe

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



55, 34.856, 326.652



66, 51.675, 327.021



54, 25.026, 347.517



32, 6.186, 325.438



34, 74.903, 328.999



2, 9.536, 325.131

Previews

White Background



This preview shows how the CIELCh color 63, 34.863, 142.763 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, 34.863, 142.763 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

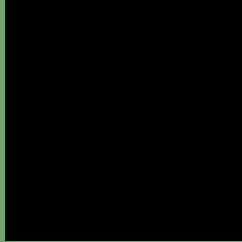
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 34.863, 142.763

Background



This preview shows how black text looks on a background with the CIELCh color 63, 34.863, 142.763.



This preview shows how white text looks on a background with the CIELCh color 63, 34.863, 142.763.

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, 34.863, 142.763

Protanopia
63, 24.904, 95.546

Deuteranopia
63, 20.919, 67.778



Tritanopia
63, 13.678, 228.065

Trichromacy



Original Color
63, 34.863, 142.763

Protanomaly
63, 26.369, 118.285

Deuteranomaly
62, 19.960, 106.760

Tritanomaly
63, 16.668, 176.209

Monochromacy



Original Color
63, 34.863, 142.763

Achromatopsia
60, 0.008, 296.813

Achromatomaly
61, 13.074, 143.723

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 34.863, 142.763 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(113, 165, 114)` looks like.

```
.text, #text, p{  
    color:rgb(113, 165, 114)  
}
```

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(113, 165, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 165, 114) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 34.863, 142.763 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(113, 165, 114) }
```

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

```
.border{ border-color:rgb(113, 165, 114) }
```

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

Here you see how a box with a 4 pixel rgb(113, 165, 114) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 165, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 165, 114);  
box-shadow:4px 4px 4px 4px rgb(113, 165,  
114) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 34.863, 142.763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 165, 114) }
```

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

```
.background{ background-color: rgb(113,  
165, 114) }
```

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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