

Converting Colors

CIELCh(63, 26.974, 154.551)

Have a look what the booklet for
CIELCh(63, 26.974, 154.551)
contains.

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Color

CIELCh(63, 27.079, 154.395)

Conversions

Conversions Part 1

Format	Color
Hex	70A483
RGB	112, 164, 131
RGB Percent	44%, 64%, 51%
CMY	0.5612, 0.3573, 0.4867
CMYK	0.32, 0.00, 0.20, 0.36
HSL	142°, 22%, 54%
HSV	142°, 32%, 64%
XYZ	24.0155, 31.5869, 26.2678
YIQ	144.6900, -20.3990, -21.2870

Conversions

Conversions Part 2

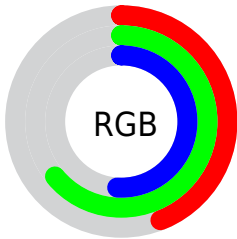
Format	Color
RYB	112, 150, 164
Decimal	7382147
CIELab	63.00, -24.42, 11.70
CIELCh	63, 27.079, 154.395
Yxy	31.5869, 0.2933, 0.3858
Android (android.graphics.Color)	4285572227 (0xFF70A483)
YUV	144.6900, -6.7492, -28.6691
Hunter-Lab	56.2022, -22.0800, 11.6306

Details

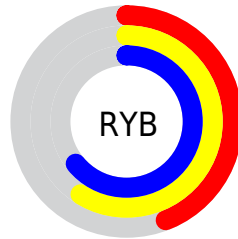
The CIELCh color $63, 27.079, 154.395$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $53, 27.557, 339.518$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 26.991, 154.467$, and $43, 26.883, 154.625$ is the 20% darker color. If you saturate the color by 10%, you get $62, 35.340, 153.294$, and if you desaturate by 10%, it is $64, 18.599, 155.361$.

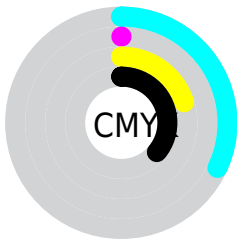
Distribution



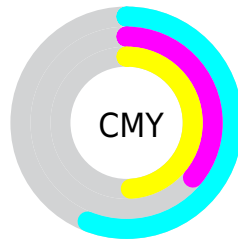
- Red (44%)
- Green (64%)
- Blue (51%)



- Red (44%)
- Yellow (59%)
- Blue (64%)



- Cyan (32%)
- Magenta (0%)
- Yellow (20%)
- Black (36%)





- Cyan (56%)
- Magenta (36%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 27.079, 154.395 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, 27.079, 154.395 by changing the saturation by 10% instead.

 63, 27.079,
154.395


 63, 27.079,
154.395


 100, 27.079,
154.395


 53, 27.079,
154.395


 83, 27.079,
154.395

 43, 27.079,
154.395

 93, 27.079,
154.395

 33, 27.079,
154.395

 23, 27.079,
154.395

 13, 27.079,
154.395

 3, 27.079, 154.395

 0, 27.079, 154.395

■ 63, 27.079,
154.395

■ 63, 27.079,
154.395

■ 62, 35.340,
153.294

■ 64, 18.599,
155.361

■ 61, 43.234,
152.036

■ 66, 10.024,
156.220

■ 60, 50.612,
150.601

■ 67, 1.463, 157.148

■ 69, 7.002, 337.557

■ 60, 57.334,
148.976

■ 70, 15.310,
338.178

■ 59, 63.291,
147.160

■ 72, 23.419,
338.724

■ 59, 68.423,
145.179

■ 74, 31.301,
339.218

■ 59, 72.146,
143.542

■ 76, 38.943,
339.670

■ 78, 45.281,
338.522

Harmonies

Complementary

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



63, 27.079, 154.395



53, 27.557, 339.518

Rectangle

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



63, 27.079, 154.395



63, 27.079, 204.395



63, 27.079, 334.395



63, 27.079, 24.395

Sweetspot

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



63, 27.080, 154.394



84, 10.624, 156.345



65, 29.396, 121.986



44, 7.239, 156.237



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, 27.080, 154.394



79, 40.135, 153.641



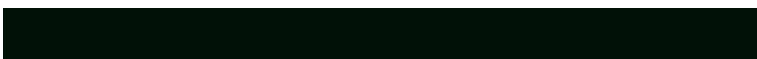
64, 19.009, 184.437



34, 4.815, 156.420



53, 65.720, 143.776



4, 7.673, 155.571

Inverse Universe

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



53, 27.557, 339.518



65, 40.922, 340.161



53, 22.106, 10.561



32, 4.848, 337.680



31, 58.667, 349.424



1, 7.181, 339.708

Previews

White Background



This preview shows how the CIELCh color 63, 27.079, 154.395 looks on a white background.

Color Contrast Check

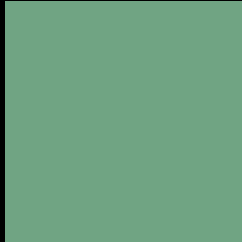
Large Text (above 18pt) WCAG AA × Fail

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, 27.079, 154.395 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

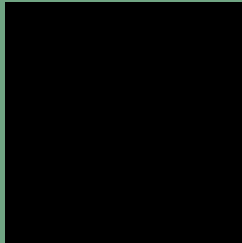
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 27.079, 154.395

Background



This preview shows how black text looks on a background with the CIELCh color 63, 27.079, 154.395.



This preview shows how white text looks on a background with the CIELCh color 63, 27.079, 154.395.

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, 27.079, 154.395

Protanopia
63, 15.468, 94.586

Deuteranopia
63, 12.696, 48.991



Tritanopia
63, 14.723, 228.235

Trichromacy



Original Color
63, 27.079, 154.395

Protanomaly
63, 16.961, 126.385

Deuteranomaly
63, 10.613, 113.340

Tritanomaly
63, 15.604, 189.737

Monochromacy



Original Color
63, 27.079, 154.395

Achromatopsia
60, 0.008, 296.813

Achromatomaly
61, 10.029, 156.294

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 27.079, 154.395 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(112, 164, 131)` looks like.

```
.text, #text, p{  
    color:rgb(112, 164, 131)  
}
```

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(112, 164, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 164, 131) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 27.079, 154.395 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(112, 164, 131) }
```

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

```
.border{ border-color:rgb(112, 164, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 164, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 164, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 164, 131);  
box-shadow:4px 4px 4px 4px rgb(112, 164,  
131) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 27.079, 154.395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 164, 131) }
```

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

```
.background{ background-color: rgb(112,  
164, 131) }
```

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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