

Converting Colors

CIELCh(67, 25.838, 143.457)

Have a look what the booklet for
CIELCh(67, 25.838, 143.457)
contains.

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Color

CIELCh(67, 25.838, 143.670)

Conversions

Conversions Part 1

Format	Color
Hex	86AD87
RGB	134, 173, 135
RGB Percent	53%, 68%, 53%
CMY	0.4751, 0.3221, 0.4711
CMYK	0.23, 0.00, 0.22, 0.32
HSL	122°, 19%, 60%
HSV	122°, 23%, 68%
XYZ	29.0869, 36.6320, 28.4068
YIQ	157.0070, -11.0460, -20.0860

Conversions

Conversions Part 2

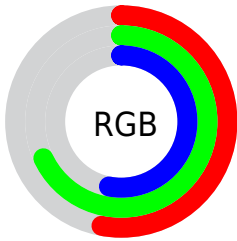
Format	Color
RYB	134, 172, 173
Decimal	8826247
CIELab	67.00, -20.82, 15.31
CIELCh	67, 25.838, 143.670
Yxy	36.6320, 0.3090, 0.3892
Android (android.graphics.Color)	4287016327 (0xFF86AD87)
YUV	157.0070, -10.8495, -20.1771
Hunter-Lab	60.5244, -20.1337, 14.5395

Details

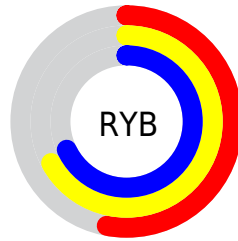
The CIELCh color $67, 25.838, 143.670$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $61, 25.857, 326.355$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 26.208, 143.314$, and $47, 25.681, 143.843$ is the 20% darker color. If you saturate the color by 10%, you get $66, 37.230, 142.831$, and if you desaturate by 10%, it is $69, 14.339, 144.395$.

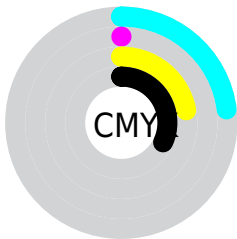
Distribution



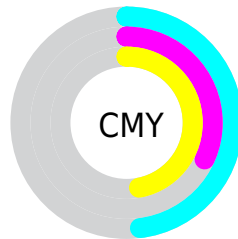
- Red (53%)
- Green (68%)
- Blue (53%)



- Red (53%)
- Yellow (67%)
- Blue (68%)



- Cyan (23%)
- Magenta (0%)
- Yellow (22%)
- Black (32%)





- Cyan (48%)
- Magenta (32%)
- Yellow (47%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 25.838, 143.670 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 67, 25.838, 143.670 by changing the saturation by 10% instead.


 67, 25.838,
143.670


 67, 25.838,
143.670


 100, 25.838,
143.670


 57, 25.838,
143.670


 87, 25.838,
143.670

 47, 25.838,
143.670

 97, 25.838,
143.670

 37, 25.838,
143.670

 27, 25.838,
143.670

 17, 25.838,
143.670

 7, 25.838, 143.670

 0, 25.838, 143.670

67, 25.838,
143.670

67, 25.838,
143.670

66, 37.230,
142.831

69, 14.339,
144.395

65, 48.291,
141.869

70, 2.897, 145.072

64, 58.743,
140.793

72, 8.366, 325.482

63, 68.247,
139.635

74, 19.367,
325.939

62, 76.410,
138.469

76, 30.057,
326.318

62, 82.810,
137.410

78, 40.406,
326.640

62, 87.088,
136.597

81, 50.405,
326.915

62, 89.003,

81, 51.360,
326.197

136.242

Harmonies

Complementary

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



67, 25.838, 143.670



61, 25.857, 326.355

Rectangle

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



67, 25.838, 143.670



67, 25.838, 193.670



67, 25.838, 323.670



67, 25.838, 13.670

Sweetspot

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



67, 25.840, 143.670



88, 9.844, 144.753



70, 21.150, 108.743



46, 6.391, 144.716



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



67, 25.840, 143.670



84, 38.231, 143.273



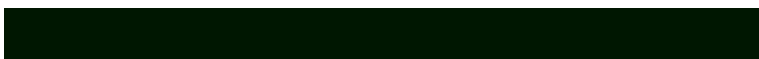
67, 17.963, 162.569



36, 6.466, 144.611



54, 80.279, 136.283



6, 13.659, 145.005

Inverse Universe

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



61, 25.857, 326.355



75, 38.242, 326.622



60, 18.511, 346.562



34, 6.477, 325.617



35, 76.434, 329.262



2, 13.504, 325.464

Previews

White Background



This preview shows how the CIELCh color 67, 25.838, 143.670 looks on a white background.

Color Contrast Check

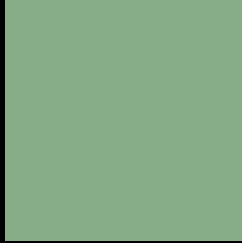
Large Text (above 18pt) WCAG AA × Fail

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 67, 25.838, 143.670 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

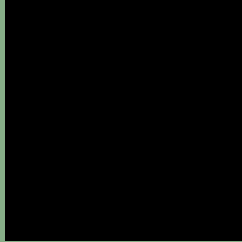
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 25.838, 143.670

Background



This preview shows how black text looks on a background with the CIELCh color 67, 25.838, 143.670.



This preview shows how white text looks on a background with the CIELCh color 67, 25.838, 143.670.

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
67, 25.838, 143.670

Protanopia
67, 18.155, 93.860

Deuteranopia
67, 16.245, 57.571



Tritanopia
67, 11.176, 239.020

Trichromacy



Original Color
67, 25.838, 143.670

Protanomaly
67, 18.837, 116.860

Deuteranomaly
66, 13.957, 98.707

Tritanomaly
67, 11.362, 184.341

Monochromacy



Original Color
67, 25.838, 143.670

Achromatopsia
65, 0.008, 296.813

Achromatomaly
66, 9.487, 143.973

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 25.838, 143.670 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(134, 173, 135)` looks like.

```
.text, #text, p{  
    color:rgb(134, 173, 135)  
}
```

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(134, 173, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 173, 135) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 25.838, 143.670 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(134, 173, 135) }
```

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

```
.border{ border-color:rgb(134, 173, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 173, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 173, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 173, 135);  
box-shadow:4px 4px 4px 4px rgb(134, 173,  
135) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 25.838, 143.670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 173, 135) }
```

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

```
.background{ background-color: rgb(134,  
173, 135) }
```

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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