

Converting Colors

CIELCh(67, 27.591, 143.689)

Have a look what the booklet for
CIELCh(67, 27.591, 143.689)
contains.

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Color

CIELCh(67, 27.188, 143.546)

Conversions

Conversions Part 1

Format	Color
Hex	84AD85
RGB	132, 173, 133
RGB Percent	52%, 68%, 52%
CMY	0.4812, 0.3204, 0.4773
CMYK	0.24, 0.00, 0.23, 0.32
HSL	121°, 20%, 60%
HSV	121°, 24%, 68%
XYZ	28.8152, 36.6320, 27.8457
YIQ	156.1810, -11.5960, -21.1320

Conversions

Conversions Part 2

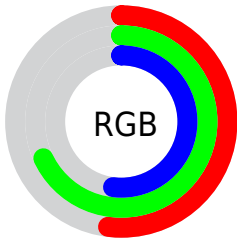
Format	Color
RYB	132, 172, 173
Decimal	8695173
CIELab	67.00, -21.87, 16.15
CIELCh	67, 27.188, 143.546
Yxy	36.6320, 0.3089, 0.3927
Android (android.graphics.Color)	4286885253 (0xFF84AD85)
YUV	156.1810, -11.4282, -21.2067
Hunter-Lab	60.5244, -20.9352, 15.0893

Details

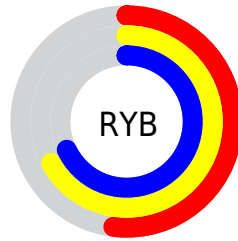
The CIELCh color $67, 27.188, 143.546$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $60, 27.206, 326.377$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 27.493, 143.249$, and $47, 27.107, 143.624$ is the 20% darker color. If you saturate the color by 10%, you get $66, 38.590, 142.694$, and if you desaturate by 10%, it is $69, 15.657, 144.283$.

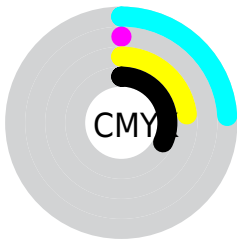
Distribution



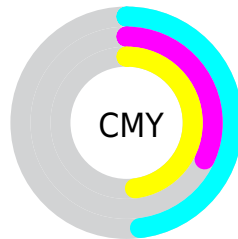
- Red (52%)
- Green (68%)
- Blue (52%)



- Red (52%)
- Yellow (67%)
- Blue (68%)



- Cyan (24%)
- Magenta (0%)
- Yellow (23%)
- Black (32%)



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


Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 27.188, 143.546 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, 27.188, 143.546 by changing the saturation by 10% instead.

 67, 27.188,
143.546

 67, 27.188,
143.546

 100, 27.188,
143.546

 57, 27.188,
143.546

 87, 27.188,
143.546

 47, 27.188,
143.546

 97, 27.188,
143.546

 37, 27.188,
143.546

 27, 27.188,
143.546

 17, 27.188,
143.546

 7, 27.188, 143.546

 0, 27.188, 143.546

67, 27.188,
143.546

67, 27.188,
143.546

66, 38.590,
142.694

69, 15.657,
144.283

65, 49.630,
141.719

70, 4.167, 144.947

64, 60.024,
140.632

72, 7.155, 325.386

63, 69.422,
139.471

74, 18.222,
325.855

62, 77.424,
138.314

76, 28.980,
326.241

62, 83.606,
137.282

78, 39.399,
326.568

62, 87.625,
136.512

81, 49.466,
326.848

62, 89.201,

81, 51.087,
326.188

Harmonies

Complementary

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



67, 27.188, 143.546



60, 27.206, 326.377

Rectangle

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



67, 27.188, 143.546



67, 27.188, 193.546



67, 27.188, 323.546



67, 27.188, 13.546

Sweetspot

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



67, 27.190, 143.546



88, 9.854, 144.716



70, 22.221, 108.639



46, 6.397, 144.679



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, 27.190, 143.546



84, 39.676, 143.151



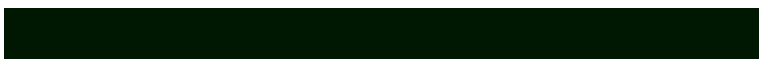
67, 18.871, 162.457



36, 6.472, 144.574



54, 80.307, 136.269



6, 13.669, 144.974

Inverse Universe

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



60, 27.206, 326.377



74, 39.683, 326.638



60, 19.476, 346.676



34, 6.483, 325.580



35, 76.515, 329.206



2, 13.523, 325.409

Previews

White Background



This preview shows how the CIELCh color 67, 27.188, 143.546 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 67, 27.188, 143.546 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

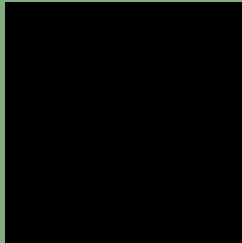
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 27.188, 143.546

Background



This preview shows how black text looks on a background with the CIELCh color 67, 27.188, 143.546.



This preview shows how white text looks on a background with the CIELCh color 67, 27.188, 143.546.

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, 27.188, 143.546

Protanopia
67, 19.218, 94.505

Deuteranopia
67, 16.617, 58.957



Tritanopia
67, 11.433, 237.927

Trichromacy



Original Color
67, 27.188, 143.546

Protanomaly
67, 19.977, 117.447

Deuteranomaly
66, 14.436, 100.599

Tritanomaly
67, 11.880, 182.154

Monochromacy



Original Color
67, 27.188, 143.546

Achromatopsia
64, 0.008, 296.813

Achromatomaly
65, 9.726, 145.763

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 27.188, 143.546 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(132, 173, 133)` looks like.

```
.text, #text, p{  
    color:rgb(132, 173, 133)  
}
```

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(132, 173, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 173, 133) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 27.188, 143.546 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(132, 173, 133) }
```

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

```
.border{ border-color:rgb(132, 173, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 173, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 173, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 173, 133);  
box-shadow:4px 4px 4px 4px rgb(132, 173,  
133) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 27.188, 143.546 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 173, 133) }
```

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

```
.background{ background-color: rgb(132,  
173, 133) }
```

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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