

Converting Colors

CIELCh(67, 22.707, 150.067)

Have a look what the booklet for
CIELCh(67, 22.707, 150.067)
contains.

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Color

CIELCh(67, 22.994, 149.760)

Conversions

Conversions Part 1

Format	Color
Hex	85AD8E
RGB	133, 173, 142
RGB Percent	52%, 68%, 56%
CMY	0.4799, 0.3231, 0.4446
CMYK	0.23, 0.00, 0.18, 0.32
HSL	134°, 20%, 60%
HSV	134°, 23%, 68%
XYZ	29.3338, 36.6320, 30.9654
YIQ	157.5060, -13.8890, -18.1210

Conversions

Conversions Part 2

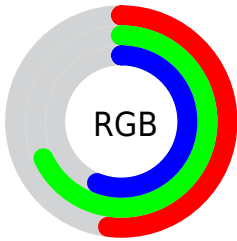
Format	Color
RYB	133, 166, 173
Decimal	8760718
CIELab	67.00, -19.87, 11.58
CIELCh	67, 22.994, 149.760
Yxy	36.6320, 0.3026, 0.3779
Android (android.graphics.Color)	4286950798 (0xFF85AD8E)
YUV	157.5060, -7.6445, -21.4918
Hunter-Lab	60.5244, -19.4056, 12.0332

Details

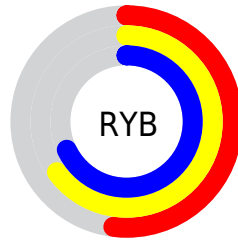
The CIELCh color $67, 22.994, 149.760$ is a dark color, and the websafe version is hex $99CC99$. A complement of this color would be $60, 23.115, 332.900$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 23.079, 149.752$, and $47, 22.667, 150.446$ is the 20% darker color. If you saturate the color by 10%, you get $66, 32.856, 148.842$, and if you desaturate by 10%, it is $68, 13.037, 150.560$.

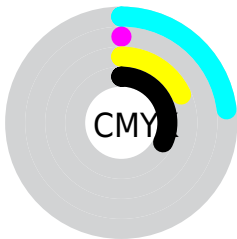
Distribution



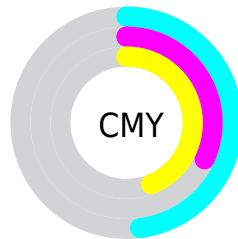
- Red (52%)
- Green (68%)
- Blue (56%)



- Red (52%)
- Yellow (65%)
- Blue (68%)



- Cyan (23%)
- Magenta (0%)
- Yellow (18%)
- Black (32%)





- Cyan (48%)
- Magenta (32%)
- Yellow (44%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 22.994, 149.760 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, 22.994, 149.760 by changing the saturation by 10% instead.


 67, 22.994,
149.760


 67, 22.994,
149.760


 100, 22.994,
149.760


 57, 22.994,
149.760


 87, 22.994,
149.760

 47, 22.994,
149.760

 97, 22.994,
149.760

 37, 22.994,
149.760

 27, 22.994,
149.760

 17, 22.994,
149.760

 7, 22.994, 149.760

 0, 22.994, 149.760

67, 22.994,
149.760

67, 22.994,
149.760

66, 32.856,
148.842

68, 13.037,
150.560

65, 42.458,
147.783

70, 3.113, 151.314

64, 51.612,
146.568

72, 6.679, 331.776

63, 60.113,
145.188

74, 16.267,
332.322

62, 67.757,
143.652

76, 25.603,
332.787

62, 74.356,
141.993

78, 34.658,
333.196


62, 79.757,
140.282

80, 43.420,
333.560

62, 82.795,

81, 48.900,
328.461

139.215

 81, 51.513,
326.202

Harmonies

Complementary

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



67, 22.994, 149.760



60, 23.115, 332.900

Rectangle

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



67, 22.994, 149.760



67, 22.994, 199.760



67, 22.994, 329.760



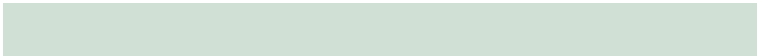
67, 22.994, 19.760

Sweetspot

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



67, 22.995, 149.760



88, 8.549, 151.004



69, 22.001, 117.117



46, 5.550, 150.962



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, 22.995, 149.760



84, 34.389, 149.287



67, 15.956, 174.954



36, 5.615, 150.845



54, 74.474, 139.420



6, 12.190, 149.965

Inverse Universe

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



60, 23.115, 332.900



74, 34.580, 333.267



59, 17.124, 359.507



34, 5.634, 331.972



34, 65.713, 339.496



2, 11.183, 334.410

Previews

White Background



This preview shows how the CIELCh color 67, 22.994, 149.760 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, 22.994, 149.760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

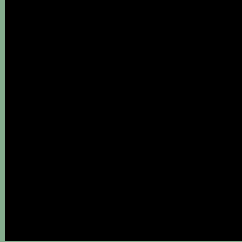
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 22.994, 149.760

Background



This preview shows how black text looks on a background with the CIELCh color 67, 22.994, 149.760.



This preview shows how white text looks on a background with the CIELCh color 67, 22.994, 149.760.

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, 22.994, 149.760

Protanopia
67, 14.753, 94.309

Deuteranopia
67, 13.154, 50.201



Tritanopia
67, 12.003, 239.136

Trichromacy



Original Color
67, 22.994, 149.760

Protanomaly
67, 15.792, 121.686

Deuteranomaly
67, 10.511, 102.559

Tritanomaly
67, 11.635, 192.967

Monochromacy



Original Color
67, 22.994, 149.760

Achromatopsia
65, 0.008, 296.813

Achromatomaly
66, 8.837, 149.972

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 22.994, 149.760 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(133, 173, 142)` looks like.

```
.text, #text, p{  
    color:rgb(133, 173, 142)  
}
```

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(133, 173, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 173, 142) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 22.994, 149.760 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(133, 173, 142) }
```

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

```
.border{ border-color:rgb(133, 173, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 173, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 173, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 173, 142);  
box-shadow:4px 4px 4px 4px rgb(133, 173,  
142) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 22.994, 149.760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 173, 142) }
```

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

```
.background{ background-color: rgb(133,  
173, 142) }
```

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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