

Converting Colors

CIELCh(67, 25.775, 129.079)

Have a look what the booklet for
CIELCh(67, 25.775, 129.079)
contains.

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Color

CIELCh(67, 25.260, 129.151)

Conversions

Conversions Part 1

Format	Color
Hex	93AA7F
RGB	147, 170, 127
RGB Percent	58%, 67%, 50%
CMY	0.4224, 0.3321, 0.5008
CMYK	0.14, 0.00, 0.25, 0.33
HSL	92°, 20%, 58%
HSV	92°, 25%, 67%
XYZ	30.3657, 36.6320, 25.6464
YIQ	158.2210, 0.0950, -18.2490

Conversions

Conversions Part 2

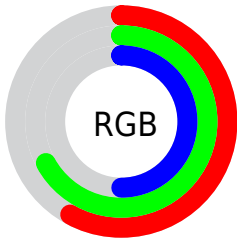
Format	Color
RYB	127, 170, 150
Decimal	9677439
CIELab	67.00, -15.95, 19.59
CIELCh	67, 25.260, 129.151
Yxy	36.6320, 0.3278, 0.3954
Android (android.graphics.Color)	4287867519 (0xFF93AA7F)
YUV	158.2210, -15.3920, -9.8408
Hunter-Lab	60.5244, -16.3622, 17.2437

Details

The CIELCh color $67, 25.260, 129.151$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $57, 26.071, 311.420$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 25.089, 129.331$, and $47, 25.158, 129.314$ is the 20% darker color. If you saturate the color by 10%, you get $66, 35.145, 128.673$, and if you desaturate by 10%, it is $68, 15.264, 129.624$.

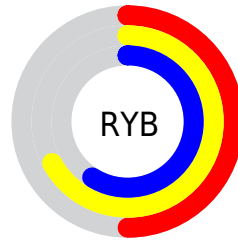
Distribution



Red (58%)

Green (67%)

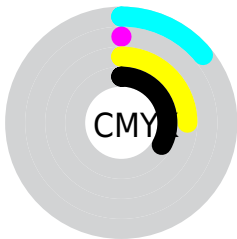
Blue (50%)



Red (50%)

Yellow (67%)

Blue (59%)

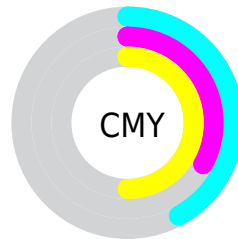


Cyan (14%)

Magenta (0%)

Yellow (25%)

Black (33%)



Cyan (42%)


Magenta (33%)


Yellow (50%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 25.260, 129.151 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, 25.260, 129.151 by changing the saturation by 10% instead.


 67, 25.260,
129.151


 67, 25.260,
129.151


 100, 25.260,
129.151


 57, 25.260,
129.151


 87, 25.260,
129.151

 47, 25.260,
129.151

 97, 25.260,
129.151

 37, 25.260,
129.151

 27, 25.260,
129.151

 17, 25.260,
129.151

 7, 25.260, 129.151

 0, 25.260, 129.151

67, 25.260,
129.151

67, 25.260,
129.151

66, 35.145,
128.673

68, 15.264,
129.624

65, 44.779,
128.212

69, 5.245, 130.080

64, 53.971,
127.813

70, 4.727, 310.443

64, 62.450,
127.548

72, 14.605,
310.832

63, 69.849,
127.520

73, 24.356,
311.170

63, 75.751,
127.850

74, 33.955,
311.472


62, 79.840,
128.638

76, 43.388,
311.739

62, 81.434,

77, 48.448,
313.611

129.054

 78, 49.401,
317.054

Harmonies

Complementary

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



67, 25.260, 129.151



57, 26.071, 311.420

Rectangle

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



67, 25.260, 129.151



67, 25.260, 179.151



67, 25.260, 309.151



67, 25.260, 359.151

Sweetspot

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



67, 25.262, 129.153



87, 9.907, 129.948



63, 15.304, 75.763



47, 7.101, 129.881



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, 25.262, 129.153



84, 37.154, 128.899



66, 28.435, 143.664



35, 5.599, 129.897



54, 73.275, 128.867



5, 10.387, 132.474

Inverse Universe

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



57, 26.071, 311.420



69, 38.616, 311.683



59, 28.450, 326.717



33, 5.669, 310.662



23, 82.369, 312.918



1, 10.067, 307.700

Previews

White Background



This preview shows how the CIELCh color 67, 25.260, 129.151 looks on a white background.

Color Contrast Check

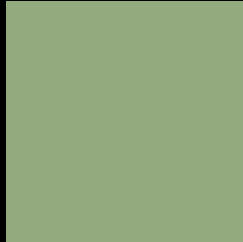
Large Text (above 18pt) WCAG AA × Fail

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, 25.260, 129.151 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, 25.260, 129.151

Background



This preview shows how black text looks on a background with the CIELCh color 67, 25.260, 129.151.



This preview shows how white text looks on a background with the CIELCh color 67, 25.260, 129.151.

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](#).

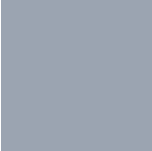
Dichromacy



Original Color
67, 25.260, 129.151

Protanopia
67, 21.855, 95.811

Deuteranopia
67, 20.357, 64.409



Tritanopia
67, 7.819, 266.294

Trichromacy



Original Color
67, 25.260, 129.151

Protanomaly
67, 22.397, 109.935

Deuteranomaly
67, 18.407, 91.335

Tritanomaly
67, 6.592, 163.015

Monochromacy



Original Color
67, 25.260, 129.151

Achromatopsia
65, 0.008, 296.813

Achromatomaly
66, 9.386, 128.654

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 25.260, 129.151 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(147, 170, 127)` looks like.

```
.text, #text, p{  
    color:rgb(147, 170, 127)  
}
```

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(147, 170, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 170, 127) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 25.260, 129.151 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(147, 170, 127) }
```

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

```
.border{ border-color:rgb(147, 170, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 170, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 170, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 170, 127);  
box-shadow:4px 4px 4px 4px rgb(147, 170,  
127) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 25.260, 129.151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 170, 127) }
```

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

```
.background{ background-color: rgb(147,  
170, 127) }
```

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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