

Converting Colors

CIELCh(67, 26.330, 125.470)

Have a look what the booklet for
CIELCh(67, 26.330, 125.470)
contains.

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Color

CIELCh(67, 26.357, 125.462)

Conversions

Conversions Part 1

Format	Color
Hex	96AA7C
RGB	150, 170, 124
RGB Percent	59%, 67%, 49%
CMY	0.4122, 0.3338, 0.5141
CMYK	0.12, 0.00, 0.27, 0.33
HSL	86°, 21%, 58%
HSV	86°, 27%, 67%
XYZ	30.5412, 36.6320, 24.4936
YIQ	158.7760, 2.8460, -18.5460

Conversions

Conversions Part 2

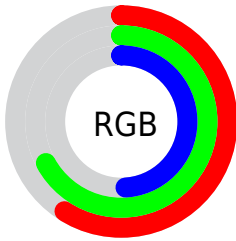
Format	Color
RYB	124, 170, 144
Decimal	9874044
CIELab	67.00, -15.29, 21.47
CIElCh	67, 26.357, 125.462
Yxy	36.6320, 0.3332, 0.3996
Android (android.graphics.Color)	4288064124 (0xFF96AA7C)
YUV	158.7760, -17.1446, -7.6966
Hunter-Lab	60.5244, -15.8448, 18.3730

Details

The CIELCh color $67, 26.357, 125.462$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $55, 27.501, 308.162$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 26.033, 125.054$, and $47, 26.274, 125.323$ is the 20% darker color. If you saturate the color by 10%, you get $66, 35.915, 124.973$, and if you desaturate by 10%, it is $68, 16.653, 125.961$.

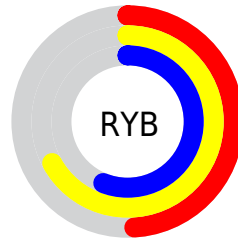
Distribution



Red (59%)

Green (67%)

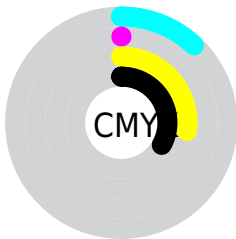
Blue (49%)



Red (49%)

Yellow (67%)

Blue (56%)

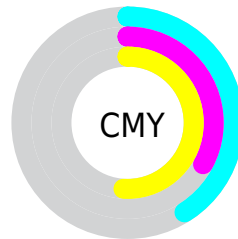


Cyan (12%)

Magenta (0%)

Yellow (27%)

Black (33%)



Cyan (41%)


Magenta (33%)


Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 26.357, 125.462 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, 26.357, 125.462 by changing the saturation by 10% instead.


 67, 26.357,
125.462

 67, 26.357,
125.462


 100, 26.357,
125.462


 57, 26.357,
125.462


 87, 26.357,
125.462

 47, 26.357,
125.462

 97, 26.357,
125.462

 37, 26.357,
125.462

 27, 26.357,
125.462

 17, 26.357,
125.462

 7, 26.357, 125.462

 0, 26.357, 125.462

67, 26.357,
125.462

67, 26.357,
125.462

66, 35.915,
124.973

68, 16.653,
125.961

65, 45.185,
124.519

69, 6.893, 126.448

65, 53.972,
124.152

70, 2.857, 306.860

64, 61.991,
123.947

71, 12.549,
307.307

64, 68.867,
124.008

72, 22.149,
307.699

63, 74.190,
124.456

73, 31.634,
308.056

63, 77.770,
125.350

75, 40.987,
308.379

63, 78.697,

76, 47.758,
309.398

125.621

 76, 48.358,
312.237

Harmonies

Complementary

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



67, 26.357, 125.462



55, 27.501, 308.162

Rectangle

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



67, 26.357, 125.462



67, 26.357, 175.462



67, 26.357, 305.462



67, 26.357, 355.462

Sweetspot

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



67, 26.359, 125.464



87, 9.688, 126.396



62, 15.712, 64.915



47, 6.942, 126.324



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, 26.359, 125.464



85, 38.619, 125.191



65, 30.445, 141.001



35, 5.475, 126.341



55, 70.961, 125.434



5, 10.172, 129.448

Inverse Universe

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



55, 27.501, 308.162



67, 40.682, 308.490



58, 30.556, 323.975



33, 5.558, 307.191



21, 84.122, 310.712



1, 9.902, 304.558

Previews

White Background



This preview shows how the CIELCh color 67, 26.357, 125.462 looks on a white background.

Color Contrast Check

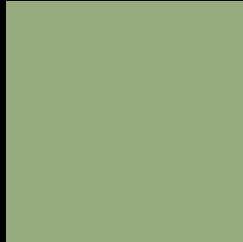
Large Text (above 18pt) WCAG AA × Fail

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, 26.357, 125.462 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

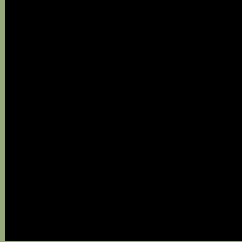
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 26.357, 125.462

Background



This preview shows how black text looks on a background with the CIELCh color 67, 26.357, 125.462.



This preview shows how white text looks on a background with the CIELCh color 67, 26.357, 125.462.

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](#).

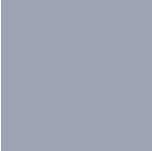
Dichromacy



Original Color
67, 26.357, 125.462

Protanopia
67, 23.541, 95.405

Deuteranopia
67, 21.928, 66.336



Tritanopia
67, 7.467, 273.921

Trichromacy



Original Color
67, 26.357, 125.462

Protanomaly
67, 23.990, 107.659

Deuteranomaly
67, 20.240, 90.163

Tritanomaly
67, 6.785, 151.909

Monochromacy



Original Color
67, 26.357, 125.462

Achromatopsia
65, 0.008, 296.813

Achromatomaly
66, 9.785, 125.441

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 26.357, 125.462 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(150, 170, 124)` looks like.

```
.text, #text, p{  
    color:rgb(150, 170, 124)  
}
```

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(150, 170, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 170, 124) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 26.357, 125.462 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(150, 170, 124) }
```

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

```
.border{ border-color:rgb(150, 170, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 170, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 170, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 170, 124);  
box-shadow:4px 4px 4px 4px rgb(150, 170,  
124) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 26.357, 125.462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 170, 124) }
```

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

```
.background{ background-color: rgb(150,  
170, 124) }
```

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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