

Converting Colors

CIELCh(67, 25.191, 129.809)

Have a look what the booklet for
CIELCh(67, 25.191, 129.809)
contains.

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Color

CIELCh(67, 24.757, 129.621)

Conversions

Conversions Part 1

Format	Color
Hex	93AA80
RGB	147, 170, 128
RGB Percent	58%, 67%, 50%
CMY	0.4226, 0.3324, 0.4971
CMYK	0.14, 0.00, 0.25, 0.33
HSL	93°, 20%, 59%
HSV	93°, 25%, 67%
XYZ	30.4086, 36.6320, 25.9710
YIQ	158.3350, -0.2260, -17.9380

Conversions

Conversions Part 2

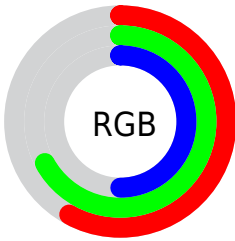
Format	Color
RYB	128, 170, 151
Decimal	9677440
CIELab	67.00, -15.79, 19.07
CIELCh	67, 24.757, 129.621
Yxy	36.6320, 0.3269, 0.3938
Android (android.graphics.Color)	4287867520 (0xFF93AA80)
YUV	158.3350, -14.9552, -9.9408
Hunter-Lab	60.5244, -16.2359, 16.9257

Details

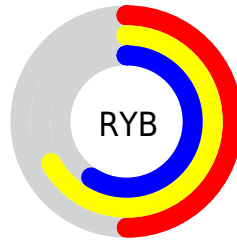
The CIELCh color $67, 24.757, 129.621$ is a light color, and the websafe version is hex 999966 . A complement of this color would be $57, 25.507, 311.816$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 24.608, 129.772$, and $47, 24.631, 129.836$ is the 20% darker color. If you saturate the color by 10%, you get $66, 34.686, 129.142$, and if you desaturate by 10%, it is $68, 14.725, 130.092$.

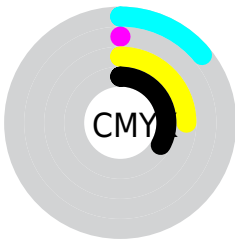
Distribution



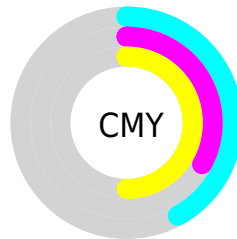
- Red (58%)
- Green (67%)
- Blue (50%)



- 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, 24.757, 129.621 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, 24.757, 129.621 by changing the saturation by 10% instead.


 67, 24.757,
129.621


 67, 24.757,
129.621


 100, 24.757,
129.621


 57, 24.757,
129.621


 87, 24.757,
129.621

 47, 24.757,
129.621

 97, 24.757,
129.621

 37, 24.757,
129.621

 27, 24.757,
129.621

 17, 24.757,
129.621

 7, 24.757, 129.621

 0, 24.757, 129.621

67, 24.757,
129.621

67, 24.757,
129.621

66, 34.686,
129.142

68, 14.725,
130.092

65, 44.374,
128.676

69, 4.677, 130.547

64, 53.634,
128.267

70, 5.318, 310.903

64, 62.196,
127.985

72, 15.212,
311.284

63, 69.700,
127.929

73, 24.973,
311.616

63, 75.727,
128.224

74, 34.578,
311.911


62, 79.939,
128.974

76, 44.011,
312.171

62, 81.736,

77, 48.643,
314.253

129.435

 78, 49.651,
317.759

Harmonies

Complementary

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



67, 24.757, 129.621



57, 25.507, 311.816

Rectangle

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



67, 24.757, 129.621



67, 24.757, 179.621



67, 24.757, 309.621



67, 24.757, 359.621

Sweetspot

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



67, 24.759, 129.623



87, 8.692, 130.434



63, 14.930, 75.837



47, 5.694, 130.408



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, 24.759, 129.623



84, 37.280, 129.341



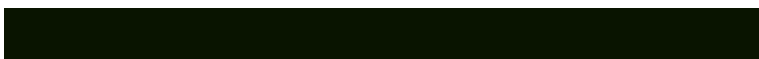
66, 27.774, 143.711



35, 5.617, 130.337



54, 73.563, 129.250



5, 10.415, 132.839

Inverse Universe

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



57, 25.507, 311.816



69, 38.698, 312.102



59, 27.791, 326.685



33, 5.685, 311.095



23, 82.148, 313.233



1, 10.091, 308.112

Previews

White Background



This preview shows how the CIELCh color 67, 24.757, 129.621 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, 24.757, 129.621 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

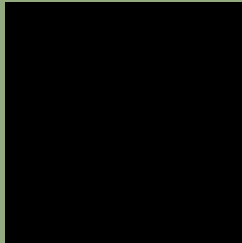
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 24.757, 129.621

Background



This preview shows how black text looks on a background with the CIELCh color 67, 24.757, 129.621.



This preview shows how white text looks on a background with the CIELCh color 67, 24.757, 129.621.

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, 24.757, 129.621

Protanopia
67, 21.323, 95.585

Deuteranopia
67, 19.635, 64.254



Tritanopia
67, 7.819, 266.294

Trichromacy



Original Color
67, 24.757, 129.621

Protanomaly
67, 21.859, 110.040

Deuteranomaly
67, 17.881, 90.914

Tritanomaly
67, 6.592, 163.015

Monochromacy



Original Color
67, 24.757, 129.621

Achromatopsia
65, 0.008, 296.813

Achromatomaly
66, 8.867, 129.848

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 24.757, 129.621 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, 128)` looks like.

```
.text, #text, p{  
    color:rgb(147, 170, 128)  
}
```

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, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 170, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 24.757, 129.621 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, 128) }
```

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

```
.border{ border-color:rgb(147, 170, 128) }
```

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, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 170, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 170, 128);  
box-shadow:4px 4px 4px 4px rgb(147, 170,  
128) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 24.757, 129.621 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, 128) }
```

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

```
.background{ background-color: rgb(147,  
170, 128) }
```

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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