

Converting Colors

CIELCh(65, 17.825, 128.390)

Have a look what the booklet for
CIELCh(65, 17.825, 128.390)
contains.

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Color

CIELCh(65, 18.133, 127.650)

Conversions

Conversions Part 1

Format	Color
Hex	94A384
RGB	148, 163, 132
RGB Percent	58%, 64%, 52%
CMY	0.4205, 0.3617, 0.4832
CMYK	0.09, 0.00, 0.19, 0.36
HSL	89°, 14%, 58%
HSV	89°, 19%, 64%
XYZ	29.3776, 34.0472, 26.7735
YIQ	154.9810, 1.0110, -12.8210

Conversions

Conversions Part 2

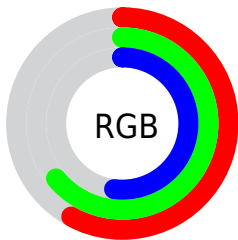
Format	Color
RYB	132, 163, 147
Decimal	9741188
CIELab	65.00, -11.08, 14.36
CIELCh	65, 18.133, 127.650
Yxy	34.0472, 0.3257, 0.3775
Android (android.graphics.Color)	4287931268 (0xFF94A384)
YUV	154.9810, -11.3296, -6.1223
Hunter-Lab	58.3500, -12.2426, 13.6401

Details

The CIELCh color **65, 18.133, 127.650** is a light color, and the websafe version is hex **999966**. A complement of this color would be **57, 18.620, 309.389**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 18.290, 127.854**, and **45, 18.166, 127.314** is the 20% darker color. If you saturate the color by 10%, you get **64, 27.608, 127.171**, and if you desaturate by 10%, it is **66, 8.602, 128.122**.

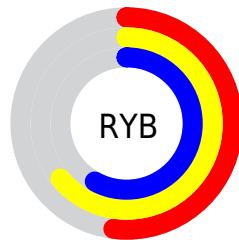
Distribution



Red (58%)

Green (64%)

Blue (52%)



Red (52%)

Yellow (64%)

Blue (58%)

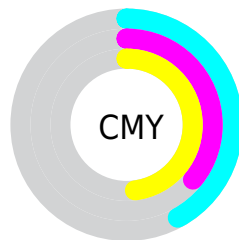


Cyan (9%)

Magenta (0%)

Yellow (19%)

Black (36%)



Cyan (42%)


Magenta (36%)


Yellow (48%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 18.133, 127.650 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 65, 18.133, 127.650 by changing the saturation by 10% instead.


 65, 18.133,
127.650


 65, 18.133,
127.650


 100, 18.133,
127.650


 55, 18.133,
127.650


 85, 18.133,
127.650

 45, 18.133,
127.650


 95, 18.133,
127.650

 35, 18.133,
127.650

 25, 18.133,
127.650

 15, 18.133,
127.650

 5, 18.133, 127.650

 0, 18.133, 127.650

65, 18.133,
127.650

65, 18.133,
127.650

64, 27.608,
127.171

66, 8.602, 128.122

63, 36.924,
126.696

67, 0.919, 308.441

63, 45.938,
126.260

68, 10.379,
308.941

62, 54.446,
125.915

69, 19.744,
309.315

61, 62.158,
125.744

71, 28.987,
309.651

61, 68.699,
125.856

72, 38.091,
309.952

60, 73.682,
126.371

73, 47.044,
310.223

60, 77.136,

74, 52.334,
311.554

127.266

75, 53.010,
314.308

60, 77.451,
127.346

Harmonies

Complementary

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



65, 18.133, 127.650



57, 18.620, 309.389

Rectangle

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



65, 18.133, 127.650



65, 18.133, 177.650



65, 18.133, 307.650



65, 18.133, 357.650

Sweetspot

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



65, 18.135, 127.652



84, 7.062, 128.258



62, 10.652, 71.314



45, 4.723, 128.229



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



65, 18.135, 127.652



82, 27.113, 127.442



64, 21.003, 142.847



34, 5.394, 128.111



54, 71.177, 127.188



4, 8.498, 130.198

Inverse Universe

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



57, 18.620, 309.389



70, 28.015, 309.616



59, 21.030, 324.990



32, 5.468, 308.908



21, 82.197, 311.754



1, 8.331, 306.886

Previews

White Background



This preview shows how the CIELCh color 65, 18.133, 127.650 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 65, 18.133, 127.650 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

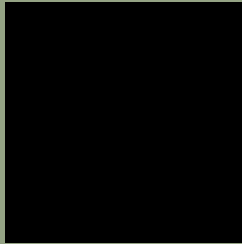
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 18.133, 127.650

Background



This preview shows how black text looks on a background with the CIELCh color 65, 18.133, 127.650.

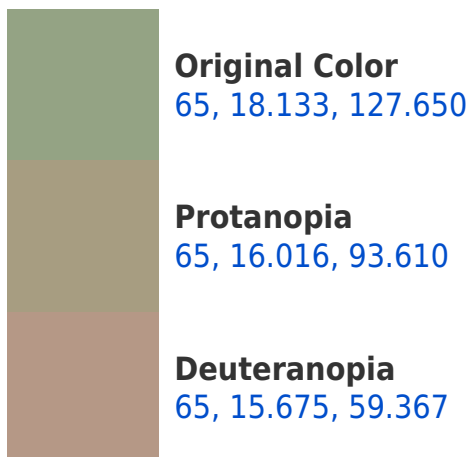


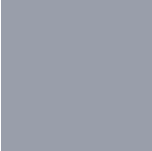
This preview shows how white text looks on a background with the CIELCh color 65, 18.133, 127.650.

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





Tritanopia
65, 6.884, 275.422

Trichromacy



Original Color
65, 18.133, 127.650

Protanomaly
65, 16.001, 106.993

Deuteranomaly
65, 13.807, 86.143

Tritanomaly
65, 4.101, 166.373

Monochromacy



Original Color
65, 18.133, 127.650

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 6.554, 130.368

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 18.133, 127.650 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(148, 163, 132)` looks like.

```
.text, #text, p{  
    color:rgb(148, 163, 132)  
}
```

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(148, 163, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 163, 132) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 18.133, 127.650 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(148, 163, 132) }
```

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

```
.border{ border-color:rgb(148, 163, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 163, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 163, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 163, 132);  
box-shadow:4px 4px 4px 4px rgb(148, 163,  
132) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 18.133, 127.650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 163, 132) }
```

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

```
.background{ background-color: rgb(148,  
163, 132) }
```

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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