

Converting Colors

CIELCh(64, 16.549, 132.845)

Have a look what the booklet for
CIELCh(64, 16.549, 132.845)
contains.

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Color

CIELCh(64, 16.451, 132.751)

Conversions

Conversions Part 1

Format	Color
Hex	8FA085
RGB	143, 160, 133
RGB Percent	56%, 63%, 52%
CMY	0.4382, 0.3715, 0.4774
CMYK	0.11, 0.00, 0.17, 0.37
HSL	98°, 12%, 58%
HSV	98°, 17%, 63%
XYZ	28.2451, 32.8017, 27.1293
YIQ	151.8390, -1.4650, -12.0010

Conversions

Conversions Part 2

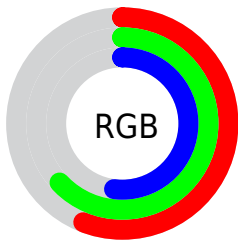
Format	Color
RYB	133, 160, 150
Decimal	9412741
CIELab	64.00, -11.17, 12.08
CIELCh	64, 16.451, 132.751
Yxy	32.8017, 0.3203, 0.3720
Android (android.graphics.Color)	4287602821 (0xFF8FA085)
YUV	151.8390, -9.2876, -7.7518
Hunter-Lab	57.2727, -12.1969, 12.0061

Details

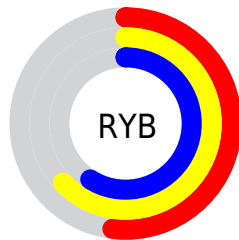
The CIELCh color $64, 16.451, 132.751$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $58, 16.718, 314.157$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 16.673, 132.600$, and $44, 16.921, 131.994$ is the 20% darker color. If you saturate the color by 10%, you get $63, 26.223, 132.273$, and if you desaturate by 10%, it is $65, 6.668, 133.206$.

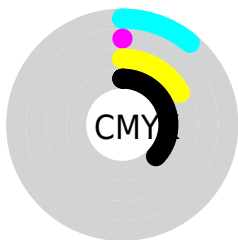
Distribution



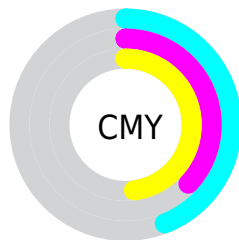
- Red (56%)
- Green (63%)
- Blue (52%)



- Red (52%)
- Yellow (63%)
- Blue (59%)



- Cyan (11%)
- Magenta (0%)
- Yellow (17%)
- Black (37%)





- Cyan (44%)
- Magenta (37%)
- Yellow (48%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 64, 16.451, 132.751 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 64, 16.451, 132.751 by changing the saturation by 10% instead.


 64, 16.451,
132.751


 64, 16.451,
132.751


 100, 16.451,
132.751


 54, 16.451,
132.751


 84, 16.451,
132.751

 44, 16.451,
132.751

 94, 16.451,
132.751

 34, 16.451,
132.751

 24, 16.451,
132.751

 14, 16.451,
132.751

 4, 16.451, 132.751

 0, 16.451, 132.751

64, 16.451,
132.751

64, 16.451,
132.751

63, 26.223,
132.273

65, 6.668, 133.206

62, 35.876,
131.773

66, 3.059, 313.542

61, 45.269,
131.279

68, 12.675,
313.934

60, 54.200,
130.835

69, 22.145,
314.256

60, 62.390,
130.515

71, 31.443,
314.536

59, 69.477,
130.421

72, 40.554,
314.781

59, 75.054,
130.678

74, 49.468,
314.993

58, 78.915,

75, 55.077,
316.478

131.338

76, 56.179,
319.819

58, 79.988,
131.532

Harmonies

Complementary

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



64, 16.451, 132.751



58, 16.718, 314.157

Rectangle

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



64, 16.451, 132.751



64, 16.451, 182.751



64, 16.451, 312.751



64, 16.451, 2.751

Sweetspot

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



64, 16.453, 132.753



83, 6.034, 133.287



63, 10.199, 84.787



44, 4.110, 133.256



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



64, 16.453, 132.753



81, 24.256, 132.587



63, 17.011, 146.718



33, 5.446, 133.099



52, 73.382, 131.386



3, 7.158, 134.090

Inverse Universe

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



58, 16.718, 314.157



72, 24.727, 314.313



59, 17.045, 328.738



31, 5.500, 313.826



24, 78.715, 315.458



1, 7.066, 312.388

Previews

White Background



This preview shows how the CIELCh color 64, 16.451, 132.751 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 64, 16.451, 132.751 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

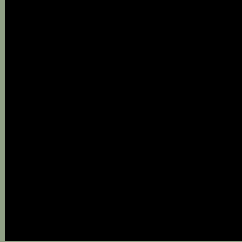
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 16.451, 132.751

Background



This preview shows how black text looks on a background with the CIELCh color 64, 16.451, 132.751.

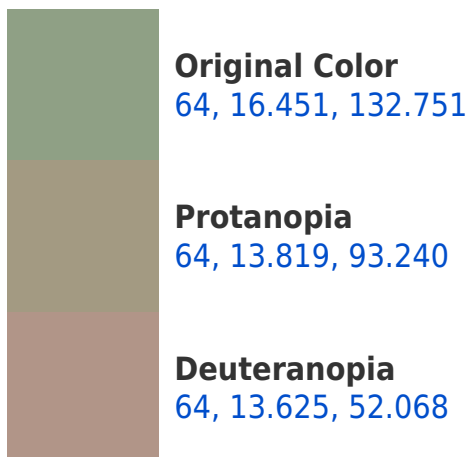


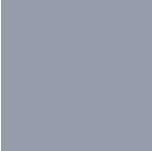
This preview shows how white text looks on a background with the CIELCh color 64, 16.451, 132.751.

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
64, 7.535, 273.986

Trichromacy



Original Color
64, 16.451, 132.751

Protanomaly
64, 13.850, 108.664

Deuteranomaly
64, 11.130, 83.108

Tritanomaly
64, 3.963, 182.807

Monochromacy



Original Color
64, 16.451, 132.751

Achromatopsia
63, 0.008, 296.813

Achromatomaly
63, 6.059, 132.242

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 16.451, 132.751 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(143, 160, 133)` looks like.

```
.text, #text, p{  
    color:rgb(143, 160, 133)  
}
```

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(143, 160, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 160, 133) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 16.451, 132.751 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(143, 160, 133) }
```

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

```
.border{ border-color:rgb(143, 160, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 160, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 160, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 160, 133);  
box-shadow:4px 4px 4px 4px rgb(143, 160,  
133) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 16.451, 132.751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 160, 133) }
```

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

```
.background{ background-color: rgb(143,  
160, 133) }
```

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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