

Converting Colors

CIELCh(64, 12.527, 140.970)

Have a look what the booklet for
CIELCh(64, 12.527, 140.970)
contains.

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Color

CIELCh(64, 12.512, 140.974)

Conversions

Conversions Part 1

Format	Color
Hex	8FA08D
RGB	143, 160, 141
RGB Percent	56%, 63%, 55%
CMY	0.4401, 0.3734, 0.4479
CMYK	0.11, 0.00, 0.12, 0.37
HSL	114°, 9%, 59%
HSV	114°, 12%, 63%
XYZ	28.6142, 32.8017, 29.9383
YIQ	152.7510, -4.0330, -9.5130

Conversions

Conversions Part 2

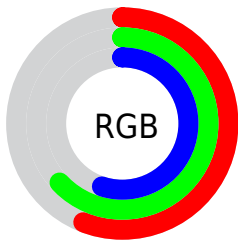
Format	Color
RYB	141, 160, 158
Decimal	9412749
CIELab	64.00, -9.72, 7.88
CIELCh	64, 12.512, 140.974
Yxy	32.8017, 0.3132, 0.3591
Android (android.graphics.Color)	4287602829 (0xFF8FA08D)
YUV	152.7510, -5.7932, -8.5516
Hunter-Lab	57.2727, -11.0466, 9.0982

Details

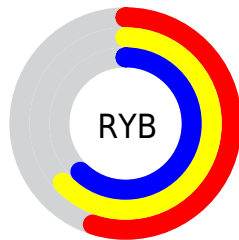
The CIELCh color $64, 12.512, 140.974$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $61, 12.559, 322.114$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 12.470, 141.254$, and $44, 12.705, 140.579$ is the 20% darker color. If you saturate the color by 10%, you get $63, 23.120, 140.368$, and if you desaturate by 10%, it is $65, 1.969, 141.578$.

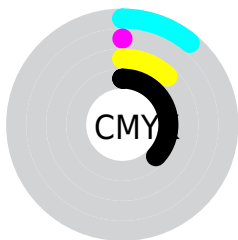
Distribution



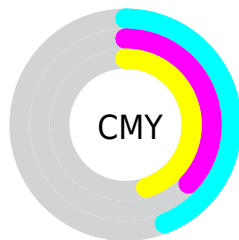
- Red (56%)
- Green (63%)
- Blue (55%)



- Red (55%)
- Yellow (63%)
- Blue (62%)



- Cyan (11%)
- Magenta (0%)
- Yellow (12%)
- Black (37%)



- Cyan (44%)
- Magenta (37%)
- Yellow (45%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 12.512, 140.974 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, 12.512, 140.974 by changing the saturation by 10% instead.

 64, 12.512,
140.974

 64, 12.512,
140.974


 100, 12.512,
140.974


 54, 12.512,
140.974


 84, 12.512,
140.974

 44, 12.512,
140.974


 94, 12.512,
140.974

 34, 12.512,
140.974

 24, 12.512,
140.974

 14, 12.512,
140.974

 4, 12.512, 140.974

 0, 12.512, 140.974

64, 12.512,
140.974

64, 12.512,
140.974

63, 23.120,
140.368

65, 1.969, 141.578

61, 33.659,
139.680

67, 8.420, 321.898

60, 43.957,
138.913

69, 18.593,
322.290

59, 53.783,
138.086

71, 28.507,
322.617

59, 62.838,
137.244

73, 38.141,
322.893

58, 70.749,
136.468

75, 47.484,
323.127


58, 77.087,
135.875

77, 56.535,
323.326

57, 81.461,

78, 59.269,
326.461

135.587

 57, 83.801,
135.453

Harmonies

Complementary

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



64, 12.512, 140.974



61, 12.559, 322.114

Rectangle

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



64, 12.512, 140.974



64, 12.512, 190.974



64, 12.512, 320.974



64, 12.512, 10.974

Sweetspot

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



64, 12.514, 140.975



82, 5.159, 141.417



65, 9.325, 103.740



44, 3.698, 141.374



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, 12.514, 140.975



80, 18.183, 140.837



64, 9.824, 157.002



33, 5.891, 141.124



51, 77.120, 135.392



3, 7.695, 141.721

Inverse Universe

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



61, 12.559, 322.114



75, 18.256, 322.229



61, 9.910, 338.705



31, 5.911, 321.983



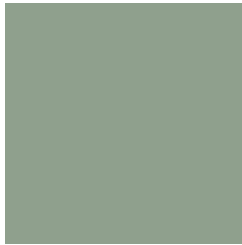
31, 75.574, 324.240



1, 7.633, 320.953

Previews

White Background



This preview shows how the CIELCh color 64, 12.512, 140.974 looks on a white background.

Color Contrast Check

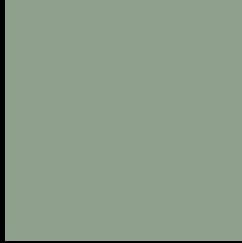
Large Text (above 18pt) WCAG AA × Fail

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, 12.512, 140.974 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

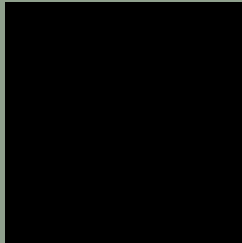
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

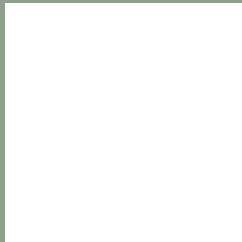
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 64, 12.512, 140.974

Background



This preview shows how black text looks on a background with the CIELCh color 64, 12.512, 140.974.



This preview shows how white text looks on a background with the CIELCh color 64, 12.512, 140.974.

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](#).

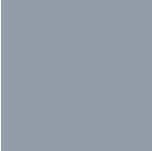
Dichromacy



Original Color
64, 12.512, 140.974

Protanopia
64, 9.444, 89.286

Deuteranopia
64, 10.611, 38.479



Tritanopia
64, 7.389, 264.457

Trichromacy



Original Color
64, 12.512, 140.974

Protanomaly
64, 9.442, 111.564

Deuteranomaly
64, 7.292, 76.340

Tritanomaly
64, 4.517, 206.212

Monochromacy



Original Color
64, 12.512, 140.974

Achromatopsia
63, 0.008, 296.813

Achromatomaly
63, 4.086, 144.282

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 12.512, 140.974 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, 141)` looks like.

```
.text, #text, p{  
    color:rgb(143, 160, 141)  
}
```

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, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 160, 141) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 12.512, 140.974 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, 141) }
```

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

```
.border{ border-color:rgb(143, 160, 141) }
```

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, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 160, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 160, 141);  
box-shadow:4px 4px 4px 4px rgb(143, 160,  
141) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 12.512, 140.974 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, 141) }
```

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

```
.background{ background-color: rgb(143,  
160, 141) }
```

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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