

Converting Colors

CIELCh(64, 8.158, 126.129)

Have a look what the booklet for
CIELCh(64, 8.158, 126.129) contains.

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Color

CIELCh(64, 8.140, 126.133)

Conversions

Conversions Part 1

Format	Color
Hex	979D8F
RGB	151, 157, 143
RGB Percent	59%, 62%, 56%
CMY	0.4068, 0.3832, 0.4382
CMYK	0.04, 0.00, 0.09, 0.38
HSL	86°, 7%, 59%
HSV	86°, 9%, 62%
XYZ	29.8931, 32.8017, 30.8480
YIQ	153.6100, 0.9180, -5.6260

Conversions

Conversions Part 2

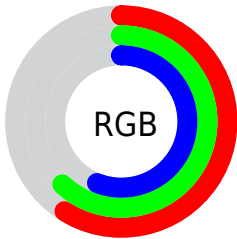
Format	Color
RYB	143, 157, 149
Decimal	9936271
CIELab	64.00, -4.80, 6.57
CIELCh	64, 8.140, 126.133
Yxy	32.8017, 0.3196, 0.3507
Android (android.graphics.Color)	4288126351 (0xFF979D8F)
YUV	153.6100, -5.2307, -2.2890
Hunter-Lab	57.2727, -7.0604, 8.1564

Details

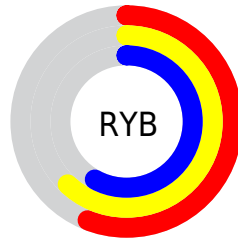
The CIELCh color **64, 8.140, 126.133** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **60, 8.262, 306.952**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 8.311, 127.590**, and **44, 8.174, 127.191** is the 20% darker color. If you saturate the color by 10%, you get **63, 17.290, 125.649**, and if you desaturate by 10%, it is **65, 1.007, 306.510**.

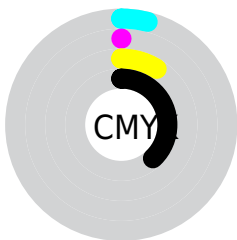
Distribution



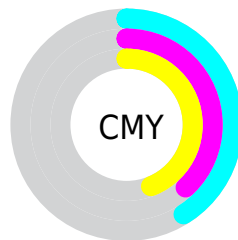
- Red (59%)
- Green (62%)
- Blue (56%)



- Red (56%)
- Yellow (62%)
- Blue (58%)



- Cyan (4%)
- Magenta (0%)
- Yellow (9%)
- Black (38%)



- Cyan (41%)
- Magenta (38%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 8.140, 126.133 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, 8.140, 126.133 by changing the saturation by 10% instead.

■ 64, 8.140, 126.133

■ 64, 8.140, 126.133

■ 100, 8.140,
126.133

■ 54, 8.140, 126.133

■ 84, 8.140, 126.133

■ 44, 8.140, 126.133

■ 94, 8.140, 126.133

■ 34, 8.140, 126.133

■ 24, 8.140, 126.133

■ 14, 8.140, 126.133

■ 4, 8.140, 126.133

■ 0, 8.140, 126.133

■ 64, 8.140, 126.133

■ 64, 8.140, 126.133

■ 63, 17.290,

■ 65, 1.007, 306.510

125.649

66, 10.111,
307.011

62, 26.373,
125.152

67, 19.136,
307.412

62, 35.298,
124.666

68, 28.059,
307.777

61, 43.930,
124.223

69, 36.862,
308.109

60, 52.076,
123.876

71, 45.535,
308.409

60, 59.458,
123.703

72, 54.069,
308.680

59, 65.720,
123.809

73, 55.343,
310.697

59, 70.484,
124.312

73, 55.850,
312.915

58, 73.787,
125.193

Harmonies

Complementary

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



64, 8.140, 126.133



60, 8.262, 306.952

Rectangle

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



64, 8.140, 126.133



64, 8.140, 176.133



64, 8.140, 306.133



64, 8.140, 356.133

Sweetspot

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



64, 8.142, 126.138



82, 3.381, 126.429



62, 4.576, 64.896



43, 2.559, 126.388



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



64, 8.142, 126.138



81, 12.433, 126.026



63, 9.302, 141.745



33, 5.191, 126.121



53, 68.998, 125.147



4, 6.846, 127.593

Inverse Universe

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



60, 8.262, 306.952



75, 12.656, 307.070



61, 9.330, 322.590



31, 5.270, 306.969



20, 82.070, 310.626



1, 6.778, 305.739

Previews

White Background



This preview shows how the CIE LCh color 64, 8.140, 126.133 looks on a white background.

Color Contrast Check

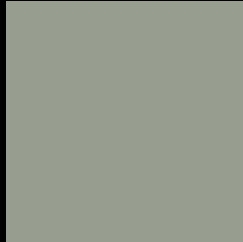
Large Text (above 18pt) WCAG AA × Fail

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, 8.140, 126.133 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

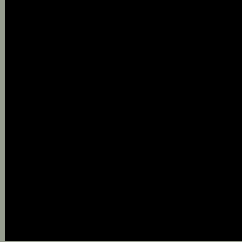
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

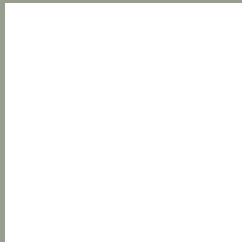
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 64, 8.140, 126.133

Background



This preview shows how black text looks on a background with the CIELCh color 64, 8.140, 126.133.



This preview shows how white text looks on a background with the CIELCh color 64, 8.140, 126.133.

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, 8.140, 126.133

Protanopia

64, 7.214, 86.727

Deuteranopia

64, 10.012, 36.243



Tritanopia
64, 6.715, 294.077

Trichromacy



Original Color
64, 8.140, 126.133

Protanomaly
64, 7.257, 103.118

Deuteranomaly
64, 7.193, 63.585

Tritanomaly
64, 1.715, 277.613

Monochromacy



Original Color
64, 8.140, 126.133

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 2.891, 125.373

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 8.140, 126.133 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(151, 157, 143)` looks like.

```
.text, #text, p{  
    color:rgb(151, 157, 143)  
}
```

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(151, 157, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 157, 143) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 8.140, 126.133 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(151, 157, 143) }
```

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

```
.border{ border-color:rgb(151, 157, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 157, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 157, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 157, 143);  
box-shadow:4px 4px 4px 4px rgb(151, 157,  
143) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 8.140, 126.133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 157, 143) }
```

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

```
.background{ background-color: rgb(151,  
157, 143) }
```

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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