

Converting Colors

CIELCh(64, 7.399, 237.125)

Have a look what the booklet for
CIELCh(64, 7.399, 237.125) contains.

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Color

CIELCh(64, 7.534, 235.415)

Conversions

Conversions Part 1

Format	Color
Hex	8D9EA6
RGB	141, 158, 166
RGB Percent	55%, 62%, 65%
CMY	0.4476, 0.3810, 0.3496
CMYK	0.15, 0.05, 0.00, 0.35
HSL	199°, 12%, 60%
HSV	199°, 15%, 65%
XYZ	30.0314, 32.8017, 40.7536
YIQ	153.8290, -12.7000, -1.1160

Conversions

Conversions Part 2

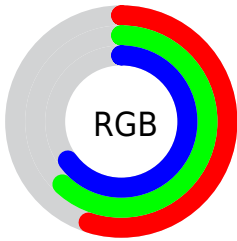
Format	Color
RYB	141, 151, 166
Decimal	9281190
CIELab	64.00, -4.28, -6.20
CIElCh	64, 7.534, 235.415
Yxy	32.8017, 0.2899, 0.3167
Android (android.graphics.Color)	4287471270 (0xFF8D9EA6)
YUV	153.8290, 6.0003, -11.2510
Hunter-Lab	57.2727, -6.6296, -2.0981

Details

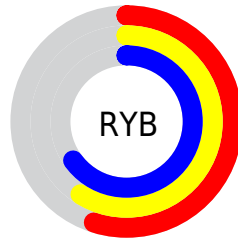
The CIELCh color $64, 7.534, 235.415$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $63, 8.154, 52.907$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 7.473, 233.535$, and $44, 7.340, 233.809$ is the 20% darker color. If you saturate the color by 10%, you get $61, 12.249, 236.540$, and if you desaturate by 10%, it is $67, 2.586, 234.587$.

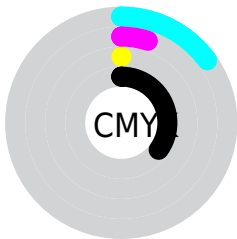
Distribution



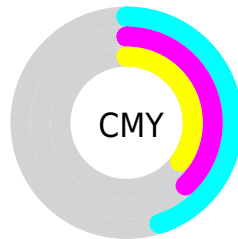
- Red (55%)
- Green (62%)
- Blue (65%)



- Red (55%)
- Yellow (59%)
- Blue (65%)



- Cyan (15%)
- Magenta (5%)
- Yellow (0%)
- Black (35%)



- Cyan (45%)
- Magenta (38%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 7.534, 235.415 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, 7.534, 235.415 by changing the saturation by 10% instead.

■ 64, 7.534, 235.415

■ 64, 7.534, 235.415

■ 100, 7.534,
235.415

■ 54, 7.534, 235.415

■ 84, 7.534, 235.415

■ 44, 7.534, 235.415

■ 94, 7.534, 235.415

■ 34, 7.534, 235.415

■ 24, 7.534, 235.415

■ 14, 7.534, 235.415

■ 4, 7.534, 235.415

■ 0, 7.534, 235.415

■ 64, 7.534, 235.415

■ 64, 7.534, 235.415

■ 61, 12.249,

■ 67, 2.586, 234.587

236.540

69, 2.546, 53.511

59, 16.677,
237.982

72, 7.817, 53.032

56, 20.763,
239.792

75, 13.190, 52.577

54, 24.462,
242.050

78, 18.634, 52.201

52, 27.744,
244.839

83, 28.948, 52.427

50, 30.614,
248.238

85, 28.805, 58.896

48, 33.124,
252.290

86, 29.042, 65.337

46, 35.384,
256.960

45, 36.512,
259.283

Harmonies

Complementary

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



64, 7.534, 235.415



63, 8.154, 52.907

Rectangle

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



64, 7.534, 235.415



64, 7.534, 285.415



64, 7.534, 55.415



64, 7.534, 105.415

Sweetspot

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



64, 7.534, 235.403



85, 3.170, 234.589



66, 13.506, 153.895



45, 2.177, 234.626



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



64, 7.534, 235.403



81, 11.109, 235.744



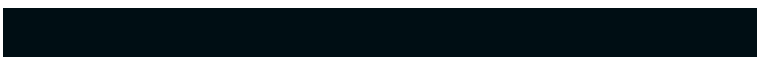
61, 11.595, 283.220



34, 2.897, 234.878



40, 33.398, 258.750



3, 5.449, 243.443

Inverse Universe

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



61, 13.573, 336.128



77, 20.195, 336.372



66, 11.385, 99.708



33, 5.137, 335.701



32, 60.948, 345.958



2, 8.805, 338.450

Previews

White Background



This preview shows how the CIE LCh color 64, 7.534, 235.415 looks on a white background.

Color Contrast Check

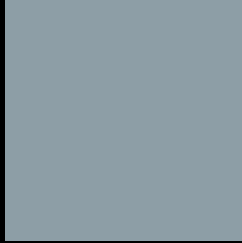
Large Text (above 18pt) WCAG AA × Fail

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 64, 7.534, 235.415 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

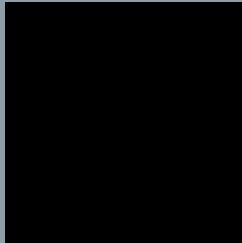
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

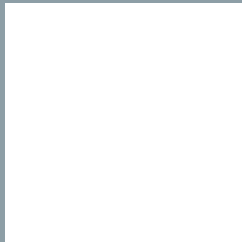
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 64, 7.534, 235.415

Background



This preview shows how black text looks on a background with the CIELCh color 64, 7.534, 235.415.



This preview shows how white text looks on a background with the CIELCh color 64, 7.534, 235.415.

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

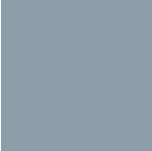
64, 7.534, 235.415

Protanopia

64, 5.045, 294.988

Deuteranopia

64, 10.908, 319.943



Tritanopia
64, 8.927, 253.654

Trichromacy



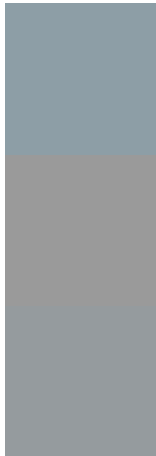
Original Color
64, 7.534, 235.415

Protanomaly
64, 5.321, 270.312

Deuteranomaly
64, 7.917, 299.108

Tritanomaly
64, 8.092, 248.593

Monochromacy



Original Color
64, 7.534, 235.415

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 2.791, 236.316

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 7.534, 235.415 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(141, 158, 166)` looks like.

```
.text, #text, p{  
    color:rgb(141, 158, 166)  
}
```

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(141, 158, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 158, 166) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 7.534, 235.415 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(141, 158, 166) }
```

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

```
.border{ border-color:rgb(141, 158, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 158, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 158, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 158, 166);  
box-shadow:4px 4px 4px 4px rgb(141, 158,  
166) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 7.534, 235.415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 158, 166) }
```

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

```
.background{ background-color: rgb(141,  
158, 166) }
```

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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