

Converting Colors

CIELCh(64, 4.005, 139.377)

Have a look what the booklet for
CIELCh(64, 4.005, 139.377) contains.

CIELCh(64, 4.547, 140.327)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(64, 4.547, 140.327)

Conversions

Conversions Part 1

Format	Color
Hex	979D96
RGB	151, 157, 150
RGB Percent	59%, 62%, 59%
CMY	0.4086, 0.3851, 0.4125
CMYK	0.04, 0.00, 0.04, 0.39
HSL	111°, 3%, 60%
HSV	111°, 4%, 61%
XYZ	30.2373, 32.8017, 33.5076
YIQ	154.4080, -1.3290, -3.4490

Conversions

Conversions Part 2

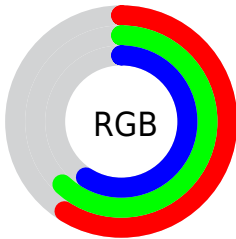
Format	Color
RYB	150, 157, 156
Decimal	9936278
CIELab	64.00, -3.50, 2.90
CIELCh	64, 4.547, 140.327
Yxy	32.8017, 0.3132, 0.3397
Android (android.graphics.Color)	4288126358 (0xFF979D96)
YUV	154.4080, -2.1731, -2.9888
Hunter-Lab	57.2727, -5.9877, 5.4031

Details

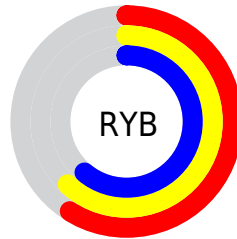
The CIELCh color $64, 4.547, 140.327$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $63, 4.569, 320.655$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 4.939, 140.872$, and $44, 4.889, 140.223$ is the 20% darker color. If you saturate the color by 10%, you get $63, 14.833, 139.787$, and if you desaturate by 10%, it is $66, 5.612, 320.698$.

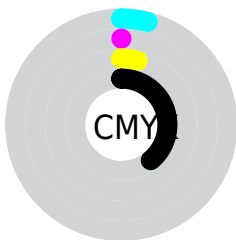
Distribution



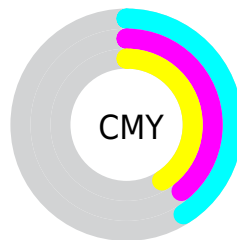
- Red (59%)
- Green (62%)
- Blue (59%)



- Red (59%)
- Yellow (62%)
- Blue (61%)



- Cyan (4%)
- Magenta (0%)
- Yellow (4%)
- Black (39%)



- Cyan (41%)
- Magenta (39%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 4.547, 140.327 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, 4.547, 140.327 by changing the saturation by 10% instead.

■ 64, 4.547, 140.327

■ 64, 4.547, 140.327

■ 100, 4.547,
140.327

■ 54, 4.547, 140.327

■ 84, 4.547, 140.327

■ 44, 4.547, 140.327

■ 94, 4.547, 140.327

■ 34, 4.547, 140.327

■ 24, 4.547, 140.327

■ 14, 4.547, 140.327

■ 4, 4.547, 140.327

■ 0, 4.547, 140.327

■ 64, 4.547, 140.327

■ 64, 4.547, 140.327

■ 63, 14.833,

■ 66, 5.612, 320.698

139.787

67, 15.583,
321.099

61, 25.149,
139.194

69, 25.324,
321.428

60, 35.368,
138.529

71, 34.808,
321.707

59, 45.317,
137.801

73, 44.023,
321.943

58, 54.765,
137.037

75, 52.964,
322.144

58, 63.412,
136.293

76, 59.642,
323.473

57, 70.880,
135.658

78, 61.042,
326.520

57, 76.747,
135.253

56, 80.667,
135.187

Harmonies

Complementary

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



64, 4.547, 140.327



63, 4.569, 320.655

Rectangle

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



64, 4.547, 140.327



64, 4.547, 190.327



64, 4.547, 320.327



64, 4.547, 10.327

Sweetspot

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



64, 4.549, 140.329



82, 1.252, 140.629



64, 3.321, 102.746



43, 0.710, 140.644



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, 4.549, 140.329



81, 6.316, 140.294



64, 3.709, 156.149



33, 3.483, 140.269



52, 76.797, 135.078



3, 7.611, 140.708

Inverse Universe

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



63, 4.569, 320.655



79, 6.343, 320.689



63, 3.729, 336.610



32, 3.498, 320.713



30, 75.873, 322.868



1, 7.535, 319.712

Previews

White Background



This preview shows how the CIELCh color 64, 4.547, 140.327 looks on a white background.

Color Contrast Check

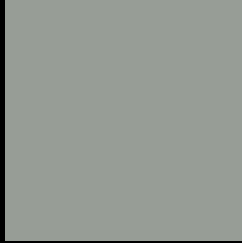
Large Text (above 18pt) WCAG AA × Fail

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, 4.547, 140.327 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

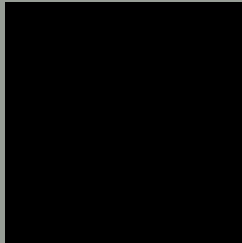
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 4.547, 140.327

Background



This preview shows how black text looks on a background with the CIELCh color 64, 4.547, 140.327.



This preview shows how white text looks on a background with the CIELCh color 64, 4.547, 140.327.

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

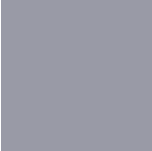
64, 4.547, 140.327

Protanopia

64, 3.852, 79.258

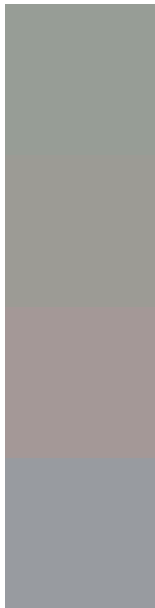
Deuteranopia

64, 8.282, 16.317



Tritanopia
64, 6.703, 287.733

Trichromacy



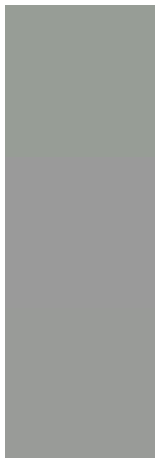
Original Color
64, 4.547, 140.327

Protanomaly
64, 3.349, 103.130

Deuteranomaly
64, 4.719, 26.498

Tritanomaly
64, 2.995, 268.352

Monochromacy



Original Color
64, 4.547, 140.327

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 1.841, 134.669

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 4.547, 140.327 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, 150)` looks like.

```
.text, #text, p{  
    color:rgb(151, 157, 150)  
}
```

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, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 157, 150) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 4.547, 140.327 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, 150) }
```

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

```
.border{ border-color:rgb(151, 157, 150) }
```

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, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 157, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 157, 150);  
box-shadow:4px 4px 4px 4px rgb(151, 157,  
150) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 4.547, 140.327 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, 150) }
```

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

```
.background{ background-color: rgb(151,  
157, 150) }
```

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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