

Converting Colors

CIELCh(63, 4.636, 260.613)

Have a look what the booklet for
CIELCh(63, 4.636, 260.613) contains.

CIELCh(63, 4.476, 260.574)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(63, 4.476, 260.574)

Conversions

Conversions Part 1

Format	Color
Hex	9399A0
RGB	147, 153, 160
RGB Percent	58%, 60%, 63%
CMY	0.4230, 0.3994, 0.3720
CMYK	0.08, 0.04, 0.00, 0.37
HSL	212°, 6%, 60%
HSV	212°, 8%, 63%
XYZ	29.8289, 31.5869, 37.8472
YIQ	152.0040, -5.8230, 0.9050

Conversions

Conversions Part 2

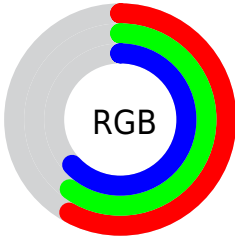
Format	Color
RYB	147, 151, 160
Decimal	9673120
CIELab	63.00, -0.73, -4.42
CIElCh	63, 4.476, 260.574
Yxy	31.5869, 0.3005, 0.3182
Android (android.graphics.Color)	4287863200 (0xFF9399A0)
YUV	152.0040, 3.9420, -4.3885
Hunter-Lab	56.2022, -3.6163, -0.5850

Details

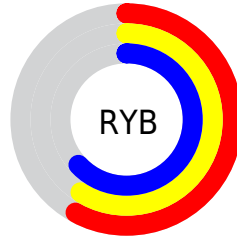
The CIELCh color $63, 4.476, 260.574$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $64, 4.533, 78.394$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 4.704, 263.657$, and $43, 4.793, 261.030$ is the 20% darker color. If you saturate the color by 10%, you get $59, 9.966, 262.007$, and if you desaturate by 10%, it is $67, 1.029, 78.943$.

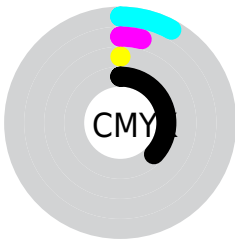
Distribution



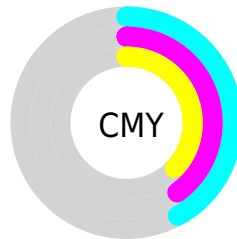
- Red (58%)
- Green (60%)
- Blue (63%)



- Red (58%)
- Yellow (59%)
- Blue (63%)



- Cyan (8%)
- Magenta (4%)
- Yellow (0%)
- Black (37%)



- Cyan (42%)
- Magenta (40%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 4.476, 260.574 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 63, 4.476, 260.574 by changing the saturation by 10% instead.

■ 63, 4.476, 260.574

■ 63, 4.476, 260.574

■ 100, 4.476,
260.574

■ 53, 4.476, 260.574

■ 83, 4.476, 260.574

■ 43, 4.476, 260.574

■ 93, 4.476, 260.574

■ 33, 4.476, 260.574

■ 23, 4.476, 260.574

■ 13, 4.476, 260.574

■ 3, 4.476, 260.574

■ 0, 4.476, 260.574

■ 63, 4.476, 260.574

■ 63, 4.476, 260.574

■ 59, 9.966, 262.007

■ 67, 1.029, 78.943

56, 15.428,
263.747

70, 6.531, 78.088

52, 20.850,
265.807

74, 12.018, 77.166

49, 26.226,
268.236

77, 17.478, 76.354

45, 31.562,
271.083

81, 22.902, 75.638

42, 36.886,
274.374

85, 28.281, 75.005

39, 42.242,
278.097

88, 32.633, 76.925

36, 47.695,
282.174

90, 34.720, 85.114

33, 53.307,
286.367

92, 37.434, 92.180

Harmonies

Complementary

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



63, 4.476, 260.574



64, 4.533, 78.394

Rectangle

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



63, 4.476, 260.574



63, 4.476, 310.574



63, 4.476, 80.574



63, 4.476, 130.574

Sweetspot

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



63, 4.475, 260.555



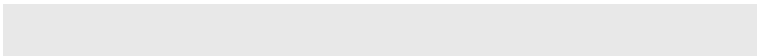
83, 1.376, 259.950



65, 6.019, 164.868



44, 0.781, 259.951



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



63, 4.475, 260.555



79, 6.845, 260.831



61, 7.323, 292.259



32, 3.083, 260.702



29, 49.511, 286.640



2, 4.125, 261.835

Inverse Universe

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



62, 6.076, 346.391



78, 9.324, 346.587



66, 7.184, 110.764



31, 4.193, 346.497



30, 54.862, 4.618



1, 5.335, 347.134

Previews

White Background



This preview shows how the CIE LCh color 63, 4.476, 260.574 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 63, 4.476, 260.574 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

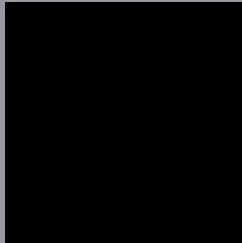
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

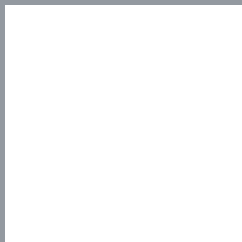
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 63, 4.476, 260.574

Background



This preview shows how black text looks on a background with the CIELCh color 63, 4.476, 260.574.



This preview shows how white text looks on a background with the CIELCh color 63, 4.476, 260.574.

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

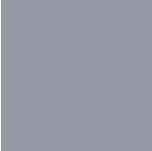
63, 4.476, 260.574

Protanopia

63, 4.558, 300.214

Deuteranopia

63, 9.292, 328.812



Tritanopia
63, 7.396, 279.469

Trichromacy



Original Color
63, 4.476, 260.574

Protanomaly
63, 3.932, 285.122

Deuteranomaly
63, 6.738, 313.941

Tritanomaly
63, 6.307, 277.251

Monochromacy



Original Color
63, 4.476, 260.574

Achromatopsia
63, 0.008, 296.813

Achromatomaly
63, 1.837, 265.949

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 4.476, 260.574 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(147, 153, 160)` looks like.

```
.text, #text, p{  
    color:rgb(147, 153, 160)  
}
```

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(147, 153, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 153, 160) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 4.476, 260.574 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(147, 153, 160) }
```

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

```
.border{ border-color:rgb(147, 153, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 153, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 153, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 153, 160);  
box-shadow:4px 4px 4px 4px rgb(147, 153,  
160) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 4.476, 260.574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 153, 160) }
```

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

```
.background{ background-color: rgb(147,  
153, 160) }
```

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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