

Converting Colors

CIELCh(61, 3.917, 272.170)

Have a look what the booklet for
CIELCh(61, 3.917, 272.170) contains.

CIELCh(61, 4.085, 274.535)	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(61, 4.085, 274.535)

Conversions

Conversions Part 1

Format	Color
Hex	90939A
RGB	144, 147, 154
RGB Percent	56%, 58%, 60%
CMY	0.4342, 0.4224, 0.3950
CMYK	0.06, 0.05, 0.00, 0.40
HSL	222°, 5%, 59%
HSV	222°, 6%, 60%
XYZ	27.8807, 29.2481, 34.8676
YIQ	146.9010, -4.0350, 1.5410

Conversions

Conversions Part 2

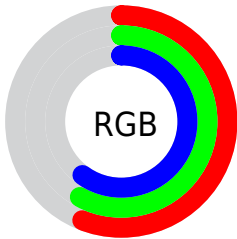
Format	Color
RYB	144, 146, 154
Decimal	9474970
CIELab	61.00, 0.32, -4.07
CIELCh	61, 4.085, 274.535
Yxy	29.2481, 0.3031, 0.3179
Android (android.graphics.Color)	4287665050 (0xFF90939A)
YUV	146.9010, 3.4998, -2.5442
Hunter-Lab	54.0815, -2.6204, -0.3685

Details

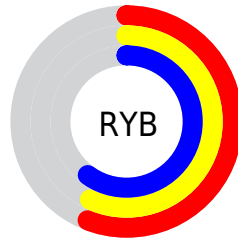
The CIELCh color $61, 4.085, 274.535$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $63, 4.067, 92.871$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 3.860, 274.349$, and $41, 3.816, 272.223$ is the 20% darker color. If you saturate the color by 10%, you get $57, 10.472, 275.874$, and if you desaturate by 10%, it is $65, 2.183, 93.197$.

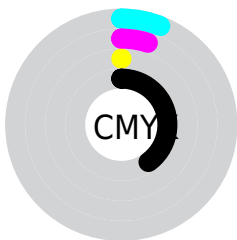
Distribution



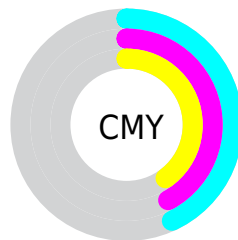
- Red (56%)
- Green (58%)
- Blue (60%)



- Red (56%)
- Yellow (57%)
- Blue (60%)



- Cyan (6%)
- Magenta (5%)
- Yellow (0%)
- Black (40%)



- Cyan (43%)
- Magenta (42%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 4.085, 274.535 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 61, 4.085, 274.535 by changing the saturation by 10% instead.

■ 61, 4.085, 274.535

■ 61, 4.085, 274.535

■ 100, 4.085,
274.535

■ 51, 4.085, 274.535

■ 81, 4.085, 274.535

■ 41, 4.085, 274.535

■ 91, 4.085, 274.535

■ 31, 4.085, 274.535

■ 21, 4.085, 274.535

■ 11, 4.085, 274.535

■ 1, 4.085, 274.535

■ 0, 4.085, 274.535

■ 61, 4.085, 274.535

■ 61, 4.085, 274.535

■ 57, 10.472,

■ 65, 2.183, 93.197

275.874

69, 8.330, 92.222

53, 16.986,
277.477

73, 14.361, 91.327

48, 23.636,
279.348

78, 20.276, 90.537

44, 30.436,
281.526

82, 26.077, 89.837

40, 37.410,
284.041

90, 37.341, 88.655

36, 44.580,
286.900

93, 41.326, 94.901

95, 45.543,
101.289

33, 51.961,
290.066

29, 59.509,
293.434

26, 67.072,
296.796

Harmonies

Complementary

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



61, 4.085, 274.535



63, 4.067, 92.871

Rectangle

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



61, 4.085, 274.535



61, 4.085, 324.535



61, 4.085, 94.535



61, 4.085, 144.535

Sweetspot

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



61, 4.084, 274.518



80, 1.565, 274.062



63, 4.225, 174.330



43, 0.897, 274.056



91, 0.011, 296.813



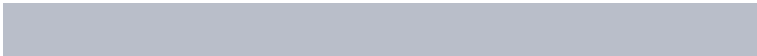
43, 0.006, 296.813

Same Dimension

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



61, 4.084, 274.518



77, 6.270, 274.726



60, 5.703, 297.805



30, 3.543, 274.863



22, 64.454, 297.562



1, 3.822, 274.057

Inverse Universe

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



61, 4.266, 356.443



77, 6.563, 356.623



63, 5.616, 116.913



30, 3.713, 356.735



29, 55.801, 19.694



1, 3.932, 356.290

Previews

White Background



This preview shows how the CIELCh color 61, 4.085, 274.535 looks on a white background.

Color Contrast Check

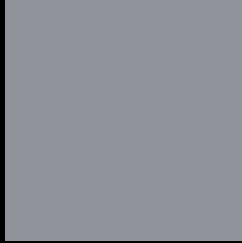
Large Text (above 18pt) WCAG AA ✓ Pass

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 61, 4.085, 274.535 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

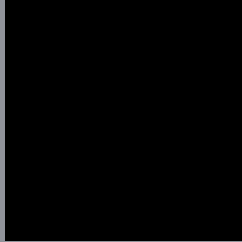
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

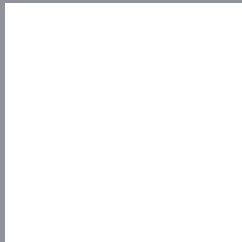
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 61, 4.085, 274.535

Background



This preview shows how black text looks on a background with the CIELCh color 61, 4.085, 274.535.



This preview shows how white text looks on a background with the CIELCh color 61, 4.085, 274.535.

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


61, 4.085, 274.535

Protanopia

61, 4.585, 300.223

Deuteranopia

61, 8.917, 331.076



Tritanopia
61, 6.226, 283.977

Trichromacy



Original Color

61, 4.085, 274.535

Protanomaly

61, 4.533, 295.490

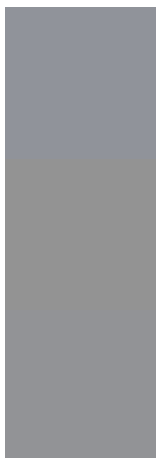
Deuteranomaly

61, 6.441, 319.062

Tritanomaly

61, 5.669, 283.212

Monochromacy



Original Color

61, 4.085, 274.535

Achromatopsia

61, 0.008, 296.813

Achromatomaly

61, 1.732, 277.623

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 4.085, 274.535 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(144, 147, 154)` looks like.

```
.text, #text, p{  
    color:rgb(144, 147, 154)  
}
```

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(144, 147, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 147, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 4.085, 274.535 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(144, 147, 154) }
```

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

```
.border{ border-color:rgb(144, 147, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 147, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 147, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 147, 154);  
box-shadow:4px 4px 4px 4px rgb(144, 147,  
154) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 4.085, 274.535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 147, 154) }
```

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

```
.background{ background-color: rgb(144,  
147, 154) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor