

Converting Colors

CIELCh(61, 6.044, 279.257)

Have a look what the booklet for
CIELCh(61, 6.044, 279.257) contains.

CIELCh(61, 6.275, 280.595)	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, 6.275, 280.595)

Conversions

Conversions Part 1

Format	Color
Hex	90939E
RGB	144, 147, 158
RGB Percent	56%, 58%, 62%
CMY	0.4354, 0.4237, 0.3805
CMYK	0.09, 0.07, 0.00, 0.38
HSL	227°, 7%, 59%
HSV	227°, 9%, 62%
XYZ	28.0904, 29.2481, 36.4944
YIQ	147.3570, -5.3190, 2.7850

Conversions

Conversions Part 2

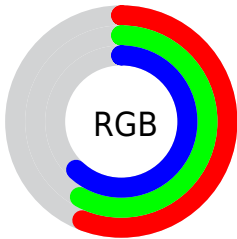
Format	Color
R _Y B	144, 146, 158
Decimal	9474974
CIE Lab	61.00, 1.15, -6.17
CIE LCh	61, 6.275, 280.595
Yxy	29.2481, 0.2994, 0.3117
Android (android.graphics.Color)	4287665054 (0xFF90939E)
YUV	147.3570, 5.2470, -2.9441
Hunter-Lab	54.0815, -1.9283, -2.1520

Details

The CIELCh color $61, 6.275, 280.595$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $64, 6.212, 98.509$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 6.450, 281.254$, and $41, 6.158, 279.932$ is the 20% darker color. If you saturate the color by 10%, you get $56, 13.529, 281.929$, and if you desaturate by 10%, it is $66, 0.786, 99.220$.

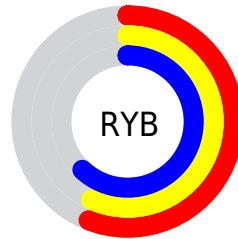
Distribution



Red (56%)

Green (58%)

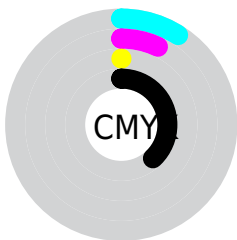
Blue (62%)



Red (56%)

Yellow (57%)

Blue (62%)

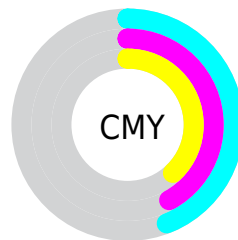


Cyan (9%)

Magenta (7%)

Yellow (0%)

Black (38%)



Cyan (44%)

Magenta (42%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 6.275, 280.595 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, 6.275, 280.595 by changing the saturation by 10% instead.

■ 61, 6.275, 280.595

■ 61, 6.275, 280.595

■ 100, 6.275,
280.595

■ 51, 6.275, 280.595

■ 81, 6.275, 280.595

■ 41, 6.275, 280.595

■ 91, 6.275, 280.595

■ 31, 6.275, 280.595

■ 21, 6.275, 280.595

■ 11, 6.275, 280.595

■ 1, 6.275, 280.595

■ 0, 6.275, 280.595

■ 61, 6.275, 280.595

■ 61, 6.275, 280.595

■ 56, 13.529,

■ 66, 0.786, 99.220

281.929

70, 7.662, 98.370

52, 20.994,
283.504

75, 14.363, 97.502

47, 28.689,
285.342

79, 20.896, 96.738

42, 36.637,
287.473

84, 27.269, 96.066

38, 44.857,
289.915

93, 39.557, 94.939

34, 53.348,
292.649

96, 44.511,
102.210

30, 62.032,
295.597

98, 48.336,
106.481

26, 70.670,
298.599

23, 78.787,
301.351

Harmonies

Complementary

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



61, 6.275, 280.595



64, 6.212, 98.509

Rectangle

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



61, 6.275, 280.595



61, 6.275, 330.595



61, 6.275, 100.595



61, 6.275, 150.595

Sweetspot

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



61, 6.274, 280.585



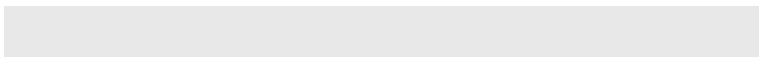
81, 2.628, 279.930



64, 5.569, 181.284



43, 2.009, 280.007



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



61, 6.274, 280.585



77, 9.717, 280.881



61, 8.066, 301.697



31, 4.008, 280.633



20, 73.401, 301.373



1, 5.250, 280.200

Inverse Universe

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



61, 5.749, 2.896



77, 8.931, 3.146



64, 7.924, 120.672



31, 3.674, 2.937



29, 59.188, 27.084



1, 4.681, 2.989

Previews

White Background



This preview shows how the CIELCh color 61, 6.275, 280.595 looks on a white background.

Color Contrast Check

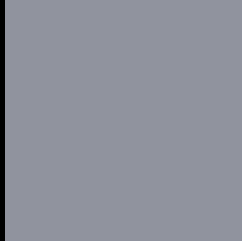
Large Text (above 18pt) WCAG AA ✓ Pass

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, 6.275, 280.595 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

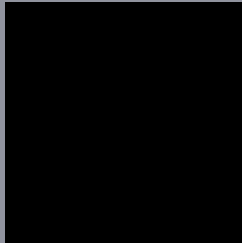
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

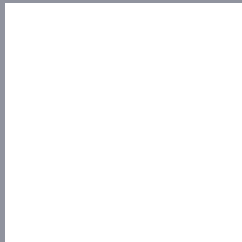
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 61, 6.275, 280.595

Background



This preview shows how black text looks on a background with the CIELCh color 61, 6.275, 280.595.



This preview shows how white text looks on a background with the CIELCh color 61, 6.275, 280.595.

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

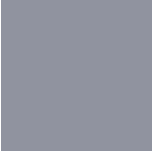
61, 6.275, 280.595

Protanopia

61, 6.218, 294.342

Deuteranopia

61, 10.326, 319.606



Tritanopia
61, 6.829, 281.524

Trichromacy



Original Color
61, 6.275, 280.595

Protanomaly
61, 6.201, 290.877

Deuteranomaly
61, 9.021, 310.614

Tritanomaly
61, 6.829, 281.524

Monochromacy



Original Color
61, 6.275, 280.595

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 2.283, 280.826

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 6.275, 280.595 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, 158)` looks like.

```
.text, #text, p{  
    color:rgb(144, 147, 158)  
}
```

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, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 147, 158) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 6.275, 280.595 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, 158) }
```

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

```
.border{ border-color:rgb(144, 147, 158) }
```

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, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 147, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 147, 158);  
box-shadow:4px 4px 4px 4px rgb(144, 147,  
158) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 6.275, 280.595 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, 158) }
```

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

```
.background{ background-color: rgb(144,  
147, 158) }
```

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