

Converting Colors

CIELCh(61, 14.474, 286.930)

Have a look what the booklet for
CIELCh(61, 14.474, 286.930)
contains.

CIELCh(61, 14.125, 285.917)	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, 14.125, 285.917)

Conversions

Conversions Part 1

Format	Color
Hex	8E92AB
RGB	142, 146, 171
RGB Percent	56%, 57%, 67%
CMY	0.4431, 0.4274, 0.3294
CMYK	0.17, 0.15, 0.00, 0.33
HSL	232°, 15%, 61%
HSV	232°, 17%, 67%
XYZ	28.7843, 29.2481, 42.6558
YIQ	147.6540, -10.4090, 6.9270

Conversions

Conversions Part 2

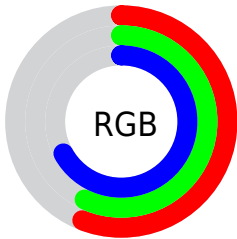
Format	Color
RYB	142, 146, 171
Decimal	9343659
CIELab	61.00, 3.87, -13.58
CIElCh	61, 14.125, 285.917
Yxy	29.2481, 0.2859, 0.2905
Android (android.graphics.Color)	4287533739 (0xFF8E92AB)
YUV	147.6540, 11.5096, -4.9586
Hunter-Lab	54.0815, 0.3618, -8.9067

Details

The CIELCh color $61, 14.125, 285.917$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $68, 13.764, 102.068$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 13.864, 285.701$, and $41, 14.037, 284.597$ is the 20% darker color. If you saturate the color by 10%, you get $56, 22.835, 287.376$, and if you desaturate by 10%, it is $66, 5.705, 284.672$.

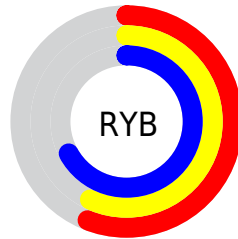
Distribution



Red (56%)

Green (57%)

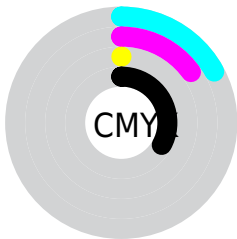
Blue (67%)



Red (56%)

Yellow (57%)

Blue (67%)

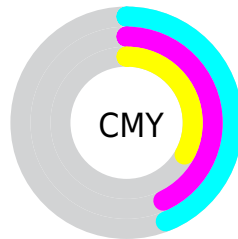


Cyan (17%)

Magenta (15%)

Yellow (0%)

Black (33%)



Cyan (44%)


Magenta (43%)


Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 14.125, 285.917 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, 14.125, 285.917 by changing the saturation by 10% instead.


 61, 14.125,
285.917


 61, 14.125,
285.917


 100, 14.125,
285.917


 51, 14.125,
285.917


 81, 14.125,
285.917

 41, 14.125,
285.917

 91, 14.125,
285.917

 31, 14.125,
285.917

 21, 14.125,
285.917

 11, 14.125,
285.917

 1, 14.125, 285.917

 0, 14.125, 285.917

61, 14.125,
285.917

61, 14.125,
285.917

56, 22.835,
287.376

66, 5.705, 284.672

50, 31.866,
289.087

72, 2.442, 103.532

45, 41.240,
291.072

77, 10.337,
102.642

40, 50.968,
293.344

82, 17.995,
101.846

35, 61.003,
295.872

87, 25.430,
101.151

30, 71.149,
298.556

92, 32.654,
100.543

26, 80.921,
301.199

97, 39.425,
103.813

23, 89.429,

98, 42.047,
106.967

303.507

■ 22, 91.629,
304.057

Harmonies

Complementary

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



61, 14.125, 285.917



68, 13.764, 102.068

Rectangle

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



61, 14.125, 285.917



61, 14.125, 335.917



61, 14.125, 105.917



61, 14.125, 155.917

Sweetspot

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



61, 14.124, 285.914



85, 5.054, 284.466



68, 10.895, 185.757



45, 3.479, 284.540



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



61, 14.124, 285.914



75, 20.702, 286.385



61, 16.846, 304.618



34, 4.711, 284.945



19, 82.773, 303.841



1, 10.097, 285.189

Inverse Universe

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



62, 11.739, 9.631



76, 17.277, 10.016



68, 16.348, 122.780



34, 3.875, 8.828



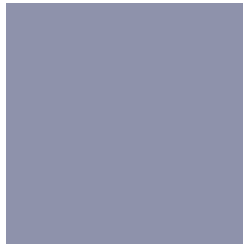
31, 64.734, 32.842



2, 7.922, 10.129

Previews

White Background



This preview shows how the CIELCh color 61, 14.125, 285.917 looks on a white background.

Color Contrast Check

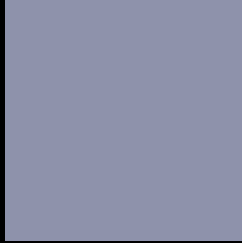
Large Text (above 18pt) WCAG AA ✓ Pass

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, 14.125, 285.917 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

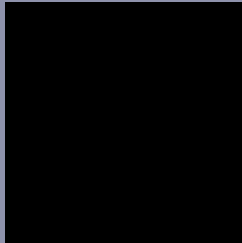
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 14.125, 285.917

Background



This preview shows how black text looks on a background with the CIELCh color 61, 14.125, 285.917.



This preview shows how white text looks on a background with the CIELCh color 61, 14.125, 285.917.

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

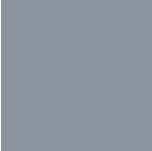
61, 14.125, 285.917

Protanopia

61, 14.125, 285.917

Deuteranopia

61, 15.976, 299.712



Tritanopia
61, 7.310, 267.125

Trichromacy



Original Color
61, 14.125, 285.917

Protanomaly
61, 14.125, 285.917

Deuteranomaly
61, 15.248, 294.558

Tritanomaly
61, 9.773, 278.292

Monochromacy



Original Color
61, 14.125, 285.917

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 5.077, 286.498

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 14.125, 285.917 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(142, 146, 171)` looks like.

```
.text, #text, p{  
    color:rgb(142, 146, 171)  
}
```

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(142, 146, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 146, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 14.125, 285.917 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(142, 146, 171) }
```

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

```
.border{ border-color:rgb(142, 146, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 146, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 146, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 146, 171);  
box-shadow:4px 4px 4px 4px rgb(142, 146,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 14.125, 285.917 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 146, 171) }
```

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

```
.background{ background-color: rgb(142,  
146, 171) }
```

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