

Converting Colors

CIELCh(61, 10.640, 274.581)

Have a look what the booklet for
CIELCh(61, 10.640, 274.581)
contains.

CIELCh(61, 11.018, 276.142)	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, 11.018, 276.142)

Conversions

Conversions Part 1

Format	Color
Hex	8B93A6
RGB	139, 147, 166
RGB Percent	55%, 58%, 65%
CMY	0.4537, 0.4223, 0.3477
CMYK	0.16, 0.11, 0.00, 0.35
HSL	222°, 13%, 60%
HSV	222°, 16%, 65%
XYZ	28.0967, 29.2481, 40.3982
YIQ	146.7740, -10.8670, 4.2130

Conversions

Conversions Part 2

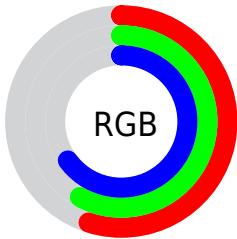
Format	Color
RYB	139, 145, 166
Decimal	9147302
CIELab	61.00, 1.18, -10.95
CIELCh	61, 11.018, 276.142
Yxy	29.2481, 0.2875, 0.2992
Android (android.graphics.Color)	4287337382 (0xFF8B93A6)
YUV	146.7740, 9.4784, -6.8178
Hunter-Lab	54.0815, -1.9074, -6.4317

Details

The CIELCh color $61, 11.018, 276.142$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $65, 10.977, 91.994$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 10.929, 276.421$, and $41, 10.673, 275.144$ is the 20% darker color. If you saturate the color by 10%, you get $57, 17.977, 277.742$, and if you desaturate by 10%, it is $65, 4.195, 274.780$.

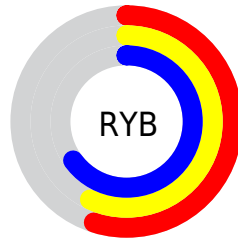
Distribution



Red (55%)

Green (58%)

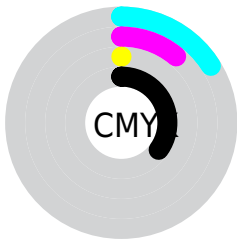
Blue (65%)



Red (55%)

Yellow (57%)

Blue (65%)

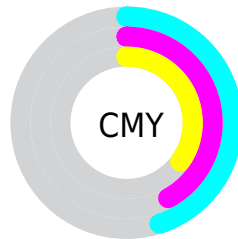


Cyan (16%)

Magenta (11%)

Yellow (0%)

Black (35%)



Cyan (45%)


Magenta (42%)


Yellow (35%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 11.018, 276.142 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, 11.018, 276.142 by changing the saturation by 10% instead.


 61, 11.018,
276.142


 61, 11.018,
276.142


 100, 11.018,
276.142


 51, 11.018,
276.142


 81, 11.018,
276.142

 41, 11.018,
276.142


 91, 11.018,
276.142

 31, 11.018,
276.142

 21, 11.018,
276.142

 11, 11.018,
276.142

 1, 11.018, 276.142

 0, 11.018, 276.142

61, 11.018,
276.142

61, 11.018,
276.142

57, 17.977,
277.742

65, 4.195, 274.780

52, 25.087,
279.619

70, 2.493, 93.465

74, 9.051, 92.485

48, 32.362,
281.805

79, 15.482, 91.590

43, 39.826,
284.330

83, 21.787, 90.801

88, 27.967, 90.103

39, 47.507,
287.202

92, 33.927, 89.961

35, 55.414,
290.379

95, 38.244, 98.824

31, 63.496,
293.755

98, 43.254,
105.635

28, 71.572,

297.123

■ 27, 74.559,
298.266

Harmonies

Complementary

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



61, 11.018, 276.142



65, 10.977, 91.994

Rectangle

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



61, 11.018, 276.142



61, 11.018, 326.142



61, 11.018, 96.142



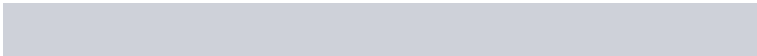
61, 11.018, 146.142

Sweetspot

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



61, 11.017, 276.137



84, 4.168, 274.644



66, 11.061, 174.494



44, 2.868, 274.724



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



61, 11.017, 276.137



76, 16.038, 276.610



59, 15.484, 299.188



33, 3.852, 275.167



23, 67.720, 297.928



2, 7.294, 276.895

Inverse Universe

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



61, 11.560, 357.770



76, 16.876, 358.125



67, 14.967, 116.908



33, 4.012, 357.020



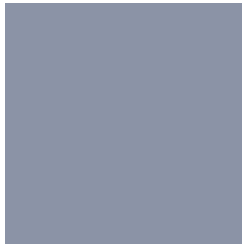
31, 58.188, 20.342



2, 7.040, 359.148

Previews

White Background



This preview shows how the CIELCh color 61, 11.018, 276.142 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 CIELCh color 61, 11.018, 276.142 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

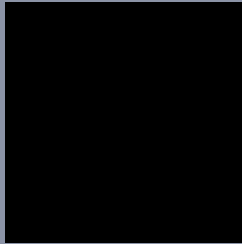
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

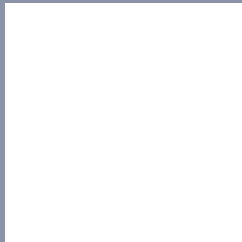
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 61, 11.018, 276.142

Background



This preview shows how black text looks on a background with the CIELCh color 61, 11.018, 276.142.



This preview shows how white text looks on a background with the CIELCh color 61, 11.018, 276.142.

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, 11.018, 276.142

Protanopia

61, 10.717, 287.455

Deuteranopia

61, 13.994, 305.347



Tritanopia
61, 7.615, 262.067

Trichromacy



Original Color
61, 11.018, 276.142

Protanomaly
61, 10.777, 283.596

Deuteranomaly
61, 12.439, 294.918

Tritanomaly
61, 8.607, 265.927

Monochromacy



Original Color
61, 11.018, 276.142

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 4.085, 274.535

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 11.018, 276.142 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(139, 147, 166)` looks like.

```
.text, #text, p{  
    color:rgb(139, 147, 166)  
}
```

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(139, 147, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 147, 166) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 11.018, 276.142 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(139, 147, 166) }
```

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

```
.border{ border-color:rgb(139, 147, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 147, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 147, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 147, 166);  
box-shadow:4px 4px 4px 4px rgb(139, 147,  
166) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 11.018, 276.142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 147, 166) }
```

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

```
.background{ background-color: rgb(139,  
147, 166) }
```

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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