

Converting Colors

CIELCh(61, 9.332, 274.080)

Have a look what the booklet for
CIELCh(61, 9.332, 274.080) contains.

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Color

CIELCh(61, 9.312, 275.235)

Conversions

Conversions Part 1

Format	Color
Hex	8C93A3
RGB	140, 147, 163
RGB Percent	55%, 58%, 64%
CMY	0.4495, 0.4221, 0.3593
CMYK	0.14, 0.10, 0.00, 0.36
HSL	222°, 11%, 60%
HSV	222°, 14%, 64%
XYZ	28.0135, 29.2481, 38.9966
YIQ	146.7310, -9.3080, 3.4920

Conversions

Conversions Part 2

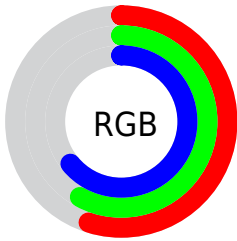
Format	Color
R_{YB}	140, 145, 163
Decimal	9212835
CIE Lab	61.00, 0.85, -9.27
CIE LCh	61, 9.312, 275.235
Yxy	29.2481, 0.2910, 0.3039
Android (android.graphics.Color)	4287402915 (0xFF8C93A3)
YUV	146.7310, 8.0206, -5.9031
Hunter-Lab	54.0815, -2.1821, -4.8952

Details

The CIELCh color $61, 9.312, 275.235$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $65, 9.290, 91.650$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 9.314, 275.761$, and $41, 8.849, 273.642$ is the 20% darker color. If you saturate the color by 10%, you get $57, 16.070, 276.785$, and if you desaturate by 10%, it is $65, 2.679, 273.934$.

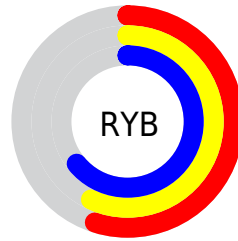
Distribution



Red (55%)

Green (58%)

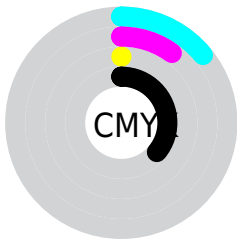
Blue (64%)



Red (55%)

Yellow (57%)

Blue (64%)

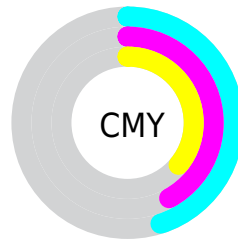


Cyan (14%)

Magenta (10%)

Yellow (0%)

Black (36%)



Cyan (45%)

Magenta (42%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 9.312, 275.235 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, 9.312, 275.235 by changing the saturation by 10% instead.

■ 61, 9.312, 275.235

■ 61, 9.312, 275.235

■ 100, 9.312,
275.235

■ 51, 9.312, 275.235

■ 81, 9.312, 275.235

■ 41, 9.312, 275.235

■ 91, 9.312, 275.235

■ 31, 9.312, 275.235

■ 21, 9.312, 275.235

■ 11, 9.312, 275.235

■ 1, 9.312, 275.235

■ 0, 9.312, 275.235

■ 61, 9.312, 275.235

■ 61, 9.312, 275.235

■ 57, 16.070,

■ 65, 2.679, 273.934

276.785

70, 3.829, 92.652

52, 22.965,
278.605

74, 10.215, 91.674

48, 30.010,
280.728

78, 16.481, 90.800

44, 37.225,
283.187

83, 22.628, 90.029

40, 44.639,
285.996

87, 28.657, 89.345

36, 52.270,
289.130

91, 34.570, 88.735

94, 38.637, 97.241

32, 60.095,
292.501

97, 43.354,
104.031

28, 67.986,
295.941

26, 72.602,
297.811

Harmonies

Complementary

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



61, 9.312, 275.235



65, 9.290, 91.650

Rectangle

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



61, 9.312, 275.235



61, 9.312, 325.235



61, 9.312, 95.235



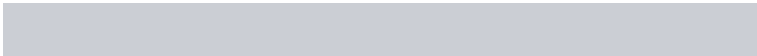
61, 9.312, 145.235

Sweetspot

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



61, 9.311, 275.229



83, 3.241, 273.933



65, 9.572, 173.566



44, 2.322, 274.014



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



61, 9.311, 275.229



76, 13.917, 275.704



59, 13.161, 298.401



32, 3.721, 274.566



23, 65.961, 297.463



1, 5.930, 275.463

Inverse Universe

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



61, 9.876, 356.969



75, 14.809, 357.326



66, 12.775, 116.384



32, 3.927, 356.456



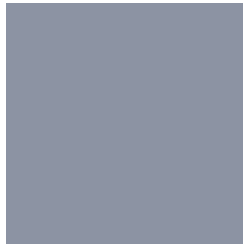
30, 57.225, 19.520



1, 5.914, 357.661

Previews

White Background



This preview shows how the CIELCh color 61, 9.312, 275.235 looks on a white background.

Color Contrast Check

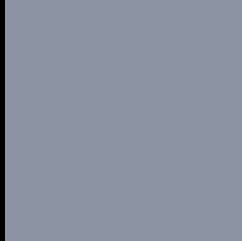
Large Text (above 18pt) WCAG AA ✓ Pass

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, 9.312, 275.235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

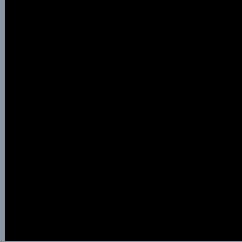
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

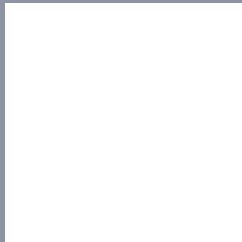
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 61, 9.312, 275.235

Background



This preview shows how black text looks on a background with the CIELCh color 61, 9.312, 275.235.



This preview shows how white text looks on a background with the CIELCh color 61, 9.312, 275.235.

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, 9.312, 275.235

Protanopia

61, 9.580, 289.041

Deuteranopia

61, 12.471, 308.810



Tritanopia
61, 7.310, 267.125

Trichromacy



Original Color
61, 9.312, 275.235

Protanomaly
61, 9.623, 284.674

Deuteranomaly
61, 10.789, 297.256

Tritanomaly
61, 7.824, 268.903

Monochromacy



Original Color
61, 9.312, 275.235

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 3.454, 277.887

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 9.312, 275.235 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(140, 147, 163)` looks like.

```
.text, #text, p{  
    color:rgb(140, 147, 163)  
}
```

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(140, 147, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 147, 163) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 9.312, 275.235 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(140, 147, 163) }
```

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

```
.border{ border-color:rgb(140, 147, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 147, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 147, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 147, 163);  
box-shadow:4px 4px 4px 4px rgb(140, 147,  
163) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 9.312, 275.235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 147, 163) }
```

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

```
.background{ background-color: rgb(140,  
147, 163) }
```

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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