

Converting Colors

CIELCh(61, 11.706, 293.575)

Have a look what the booklet for
CIELCh(61, 11.706, 293.575)
contains.

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Color

CIELCh(61, 11.855, 293.261)

Conversions

Conversions Part 1

Format	Color
Hex	9291A6
RGB	146, 145, 166
RGB Percent	57%, 57%, 65%
CMY	0.4262, 0.4302, 0.3478
CMYK	0.12, 0.13, 0.00, 0.35
HSL	243°, 11%, 61%
HSV	243°, 13%, 65%
XYZ	28.9926, 29.2481, 40.3447
YIQ	147.6930, -6.1450, 6.7430

Conversions

Conversions Part 2

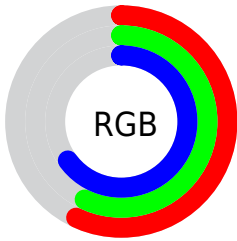
Format	Color
R_{YB}	146, 145, 166
Decimal	9605542
CIE _{Lab}	61.00, 4.68, -10.89
CIE _{LCh}	61, 11.855, 293.261
Yxy	29.2481, 0.2941, 0.2967
Android (android.graphics.Color)	4287795622 (0xFF9291A6)
YUV	147.6930, 9.0254, -1.4848
Hunter-Lab	54.0815, 1.0494, -6.3732

Details

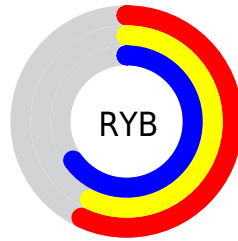
The CIELCh color **61, 11.855, 293.261** is a light color, and the websafe version is hex **999999**. A complement of this color would be **68, 11.522, 110.946**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **81, 11.717, 292.923**, and **41, 11.550, 291.901** is the 20% darker color. If you saturate the color by 10%, you get **55, 21.667, 294.395**, and if you desaturate by 10%, it is **67, 2.427, 292.299**.

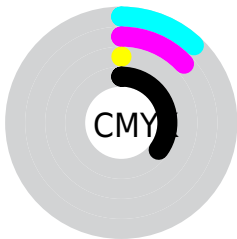
Distribution



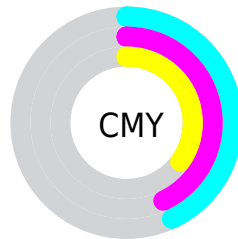
- Red (57%)
- Green (57%)
- Blue (65%)



- Red (57%)
- Yellow (57%)
- Blue (65%)



- Cyan (12%)
- Magenta (13%)
- Yellow (0%)
- Black (35%)





- Cyan (43%)
- Magenta (43%)
- Yellow (35%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 11.855, 293.261 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, 11.855, 293.261 by changing the saturation by 10% instead.


 61, 11.855,
293.261


 61, 11.855,
293.261


 100, 11.855,
293.261


 51, 11.855,
293.261


 81, 11.855,
293.261

 41, 11.855,
293.261

 91, 11.855,
293.261

 31, 11.855,
293.261

 21, 11.855,
293.261

 11, 11.855,
293.261

 1, 11.855, 293.261

 0, 11.855, 293.261

61, 11.855,
293.261

61, 11.855,
293.261

55, 21.667,
294.395

67, 2.427, 292.299

49, 31.892,
295.723

72, 6.640, 111.446

44, 42.537,
297.257

78, 15.373,
110.741

38, 53.561,
298.993

84, 23.796,
110.134

33, 64.802,
300.884

89, 31.930,
109.612

28, 75.824,
302.806

95, 39.794,
109.161

24, 85.720,
304.535

98, 44.320,
106.791

21, 93.083,

305.771

■ 19, 96.920,
306.447

Harmonies

Complementary

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



61, 11.855, 293.261



68, 11.522, 110.946

Rectangle

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



61, 11.855, 293.261



61, 11.855, 343.261



61, 11.855, 113.261



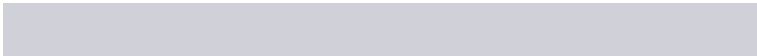
61, 11.855, 163.261

Sweetspot

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



61, 11.854, 293.258



84, 4.586, 292.424



66, 7.448, 201.817



44, 3.289, 292.490



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, 11.854, 293.258



76, 17.555, 293.541



62, 12.582, 310.762



33, 5.329, 292.917



16, 88.883, 306.471



1, 9.566, 291.790

Inverse Universe

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



63, 13.783, 326.418



78, 20.330, 326.568



67, 12.382, 129.691



33, 6.225, 326.228



34, 74.222, 330.183



2, 11.154, 326.273

Previews

White Background



This preview shows how the CIELCh color 61, 11.855, 293.261 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, 11.855, 293.261 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

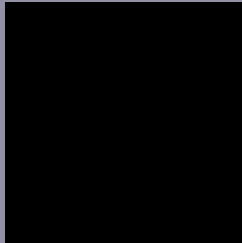
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

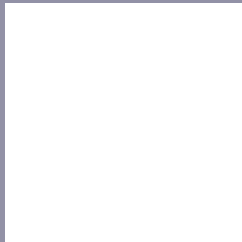
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 61, 11.855, 293.261

Background



This preview shows how black text looks on a background with the CIELCh color 61, 11.855, 293.261.



This preview shows how white text looks on a background with the CIELCh color 61, 11.855, 293.261.

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, 11.855, 293.261

Protanopia

61, 11.839, 287.969

Deuteranopia

61, 13.994, 305.347



Tritanopia
61, 6.226, 283.977

Trichromacy



Original Color
61, 11.855, 293.261

Protanomaly
61, 11.829, 289.725

Deuteranomaly
61, 13.196, 301.209

Tritanomaly
61, 8.455, 288.611

Monochromacy



Original Color
61, 11.855, 293.261

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 4.506, 290.690

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 11.855, 293.261 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(146, 145, 166)` looks like.

```
.text, #text, p{  
    color:rgb(146, 145, 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(146, 145, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 145, 166) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 11.855, 293.261 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(146, 145, 166) }
```

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

```
.border{ border-color:rgb(146, 145, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 145, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 145, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 145, 166);  
box-shadow:4px 4px 4px 4px rgb(146, 145,  
166) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 11.855, 293.261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 145, 166) }
```

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

```
.background{ background-color: rgb(146,  
145, 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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