

Converting Colors

CIELCh(61, 11.286, 308.827)

Have a look what the booklet for
CIELCh(61, 11.286, 308.827)
contains.

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Color

CIELCh(61, 11.272, 308.667)

Conversions

Conversions Part 1

Format	Color
Hex	9990A3
RGB	153, 144, 163
RGB Percent	60%, 56%, 64%
CMY	0.4010, 0.4363, 0.3618
CMYK	0.06, 0.12, 0.00, 0.36
HSL	268°, 9%, 60%
HSV	268°, 12%, 64%
XYZ	29.6070, 29.2481, 38.6090
YIQ	148.8570, -0.7350, 7.8170

Conversions

Conversions Part 2

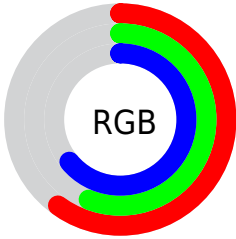
Format	Color
RYB	153, 144, 163
Decimal	10064035
CIELab	61.00, 7.04, -8.80
CIELCh	61, 11.272, 308.667
Yxy	29.2481, 0.3038, 0.3001
Android (android.graphics.Color)	4288254115 (0xFF9990A3)
YUV	148.8570, 6.9725, 3.6334
Hunter-Lab	54.0815, 3.0772, -4.4703

Details

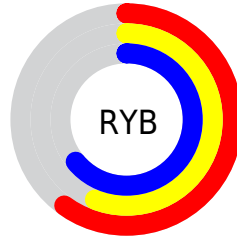
The CIELCh color $61, 11.272, 308.667$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $66, 11.081, 127.630$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 11.153, 307.727$, and $41, 10.854, 308.714$ is the 20% darker color. If you saturate the color by 10%, you get $56, 21.223, 309.173$, and if you desaturate by 10%, it is $66, 1.596, 308.155$.

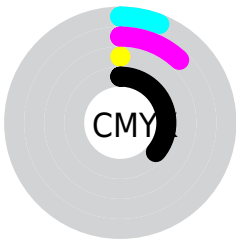
Distribution



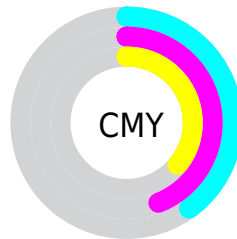
- Red (60%)
- Green (56%)
- Blue (64%)



- Red (60%)
- Yellow (56%)
- Blue (64%)



- Cyan (6%)
- Magenta (12%)
- Yellow (0%)
- Black (36%)





- Cyan (40%)
- Magenta (44%)
- Yellow (36%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 11.272, 308.667 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, 11.272, 308.667 by changing the saturation by 10% instead.


 61, 11.272,
308.667


 61, 11.272,
308.667


 100, 11.272,
308.667


 51, 11.272,
308.667


 81, 11.272,
308.667

 41, 11.272,
308.667

 91, 11.272,
308.667

 31, 11.272,
308.667

 21, 11.272,
308.667

 11, 11.272,
308.667

 1, 11.272, 308.667

 0, 11.272, 308.667

61, 11.272,
308.667

61, 11.272,
308.667

56, 21.223,
309.173

66, 1.596, 308.155

51, 31.416,
309.715

71, 7.787, 127.814

46, 41.766,
310.279

76, 16.877,
127.440

41, 52.122,
310.838

81, 25.682,
127.115

37, 62.216,
311.347

86, 34.215,
126.831

33, 71.623,
311.735

91, 42.488,
126.585

29, 79.732,
311.905

95, 49.038,
125.849

26, 85.826,

96, 48.002,
122.314

311.740

■ 96, 47.163,
118.566

■ 24, 89.582,
311.421

Harmonies

Complementary

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



61, 11.272, 308.667



66, 11.081, 127.630

Rectangle

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



61, 11.272, 308.667



61, 11.272, 358.667



61, 11.272, 128.667



61, 11.272, 178.667

Sweetspot

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



61, 11.270, 308.665



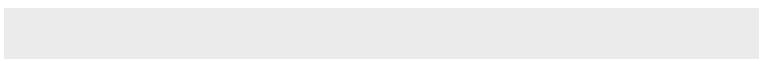
82, 4.736, 308.296



63, 6.139, 253.243



43, 3.396, 308.333



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, 11.270, 308.665



76, 16.808, 308.793



62, 12.784, 324.136



32, 5.457, 308.548



21, 82.376, 311.528



1, 8.315, 306.549

Inverse Universe

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



62, 9.276, 343.162



77, 13.819, 343.392



65, 12.759, 142.913



32, 4.495, 342.951



31, 56.170, 358.689



1, 6.691, 344.914

Previews

White Background



This preview shows how the CIELCh color 61, 11.272, 308.667 looks on a white background.

Color Contrast Check

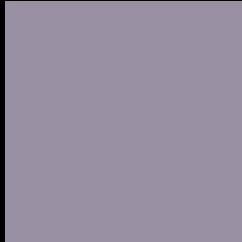
Large Text (above 18pt) WCAG AA ✓ Pass

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, 11.272, 308.667 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

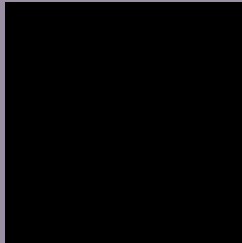
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 11.272, 308.667

Background



This preview shows how black text looks on a background with the CIELCh color 61, 11.272, 308.667.



This preview shows how white text looks on a background with the CIELCh color 61, 11.272, 308.667.

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, 11.272, 308.667

Protanopia

61, 10.142, 289.231

Deuteranopia

61, 12.060, 311.309



Tritanopia
61, 6.779, 313.949

Trichromacy



Original Color
61, 11.272, 308.667

Protanomaly
61, 10.789, 297.256

Deuteranomaly
61, 12.060, 311.309

Tritanomaly
61, 7.823, 310.733

Monochromacy



Original Color
61, 11.272, 308.667

Achromatopsia
62, 0.008, 296.813

Achromatomaly
61, 4.120, 306.726

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 11.272, 308.667 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(153, 144, 163)` looks like.

```
.text, #text, p{  
    color:rgb(153, 144, 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(153, 144, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 144, 163) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 11.272, 308.667 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(153, 144, 163) }
```

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

```
.border{ border-color:rgb(153, 144, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 144, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 144, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 144, 163);  
box-shadow:4px 4px 4px 4px rgb(153, 144,  
163) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 11.272, 308.667 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 144, 163) }
```

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

```
.background{ background-color: rgb(153,  
144, 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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