

Converting Colors

CIELCh(61, 10.208, 287.770)

Have a look what the booklet for
CIELCh(61, 10.208, 287.770)
contains.

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Color

CIELCh(61, 10.156, 287.166)

Conversions

Conversions Part 1

Format	Color
Hex	9092A4
RGB	144, 146, 164
RGB Percent	56%, 57%, 64%
CMY	0.4346, 0.4267, 0.3561
CMYK	0.12, 0.11, 0.00, 0.36
HSL	234°, 10%, 60%
HSV	234°, 12%, 64%
XYZ	28.5595, 29.2481, 39.3522
YIQ	147.4540, -6.9700, 5.1740

Conversions

Conversions Part 2

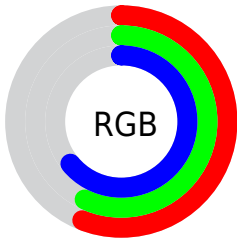
Format	Color
RYB	144, 146, 164
Decimal	9474724
CIELab	61.00, 3.00, -9.70
CIELCh	61, 10.156, 287.166
Yxy	29.2481, 0.2939, 0.3010
Android (android.graphics.Color)	4287664804 (0xFF9092A4)
YUV	147.4540, 8.1572, -3.0292
Hunter-Lab	54.0815, -0.3801, -5.2850

Details

The CIELCh color **61, 10.156, 287.166** is a light color, and the websafe version is hex **999999**. A complement of this color would be **66, 9.938, 104.544**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **81, 10.116, 287.105**, and **41, 9.730, 287.048** is the 20% darker color. If you saturate the color by 10%, you get **56, 18.817, 288.476**, and if you desaturate by 10%, it is **66, 1.795, 286.076**.

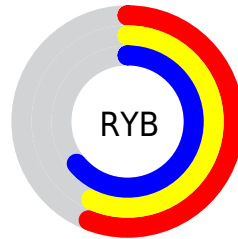
Distribution



Red (56%)

Green (57%)

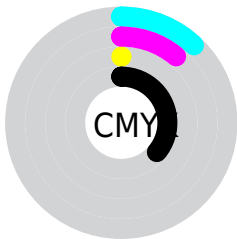
Blue (64%)



Red (56%)

Yellow (57%)

Blue (64%)

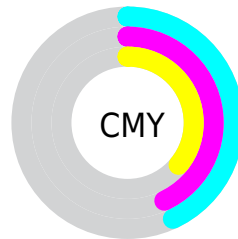


Cyan (12%)

Magenta (11%)

Yellow (0%)

Black (36%)



Cyan (43%)

Magenta (43%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 10.156, 287.166 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, 10.156, 287.166 by changing the saturation by 10% instead.

■ 61, 10.156,
287.166

■ 61, 10.156,
287.166

■ 100, 10.156,
287.166

■ 51, 10.156,
287.166

■ 81, 10.156,
287.166

■ 41, 10.156,
287.166

■ 91, 10.156,
287.166

■ 31, 10.156,
287.166

■ 21, 10.156,
287.166

■ 11, 10.156,
287.166

■ 1, 10.156, 287.166

■ 0, 10.156, 287.166

61, 10.156,
287.166

61, 10.156,
287.166

56, 18.817,
288.476

66, 1.795, 286.076

50, 27.809,
290.018

72, 6.283, 105.044

45, 37.155,
291.814

77, 14.101,
104.221

40, 46.868,
293.883

82, 21.673,
103.504

35, 56.913,
296.207

87, 29.016,
102.879

30, 67.128,
298.711

92, 36.141,
102.333

26, 77.077,
301.226

97, 42.943,
104.020

22, 85.892,

98, 45.346,
106.712

303.484

■ 20, 91.281,
304.809

Harmonies

Complementary

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



61, 10.156, 287.166



66, 9.938, 104.544

Rectangle

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



61, 10.156, 287.166



61, 10.156, 337.166



61, 10.156, 107.166



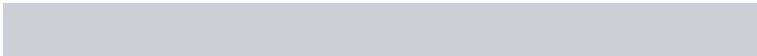
61, 10.156, 157.166

Sweetspot

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



61, 10.155, 287.161



83, 4.088, 286.252



66, 7.548, 188.905



43, 2.903, 286.326



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, 10.155, 287.161



76, 15.606, 287.546



61, 11.675, 305.517



32, 4.669, 286.816



17, 82.958, 304.631



1, 7.237, 286.254

Inverse Universe

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



62, 7.986, 12.111



77, 12.330, 12.423



66, 11.436, 124.296



32, 3.655, 11.826



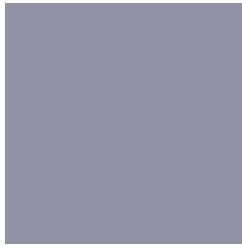
30, 64.558, 34.936



1, 5.521, 11.908

Previews

White Background



This preview shows how the CIELCh color 61, 10.156, 287.166 looks on a white background.

Color Contrast Check

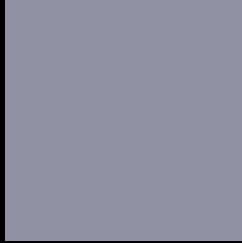
Large Text (above 18pt) WCAG AA ✓ Pass

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, 10.156, 287.166 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

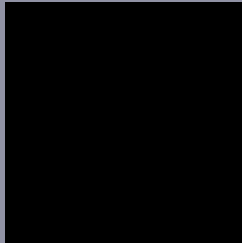
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 10.156, 287.166

Background



This preview shows how black text looks on a background with the CIELCh color 61, 10.156, 287.166.



This preview shows how white text looks on a background with the CIELCh color 61, 10.156, 287.166.

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

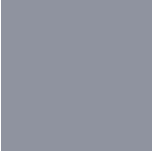
61, 10.156, 287.166

Protanopia

61, 10.142, 289.231

Deuteranopia

61, 13.008, 308.086



Tritanopia
61, 6.892, 278.480

Trichromacy



Original Color
61, 10.156, 287.166

Protanomaly
61, 10.142, 289.231

Deuteranomaly
61, 12.088, 302.039

Tritanomaly
61, 7.992, 280.401

Monochromacy



Original Color
61, 10.156, 287.166

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 3.944, 290.629

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 10.156, 287.166 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(144, 146, 164)` looks like.

```
.text, #text, p{  
    color:rgb(144, 146, 164)  
}
```

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(144, 146, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 146, 164) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 10.156, 287.166 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(144, 146, 164) }
```

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

```
.border{ border-color:rgb(144, 146, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 146, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 146, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 146, 164);  
box-shadow:4px 4px 4px 4px rgb(144, 146,  
164) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 10.156, 287.166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 146, 164) }
```

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

```
.background{ background-color: rgb(144,  
146, 164) }
```

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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