

Converting Colors

CIELCh(61, 33.787, 307.084)

Have a look what the booklet for
CIELCh(61, 33.787, 307.084)
contains.

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Color

CIELCh(61, 33.767, 307.056)

Conversions

Conversions Part 1

Format	Color
Hex	A089C3
RGB	160, 137, 195
RGB Percent	63%, 54%, 76%
CMY	0.3731, 0.4632, 0.2358
CMYK	0.18, 0.30, 0.00, 0.24
HSL	264°, 33%, 65%
HSV	264°, 30%, 76%
XYZ	33.2323, 29.2481, 55.4416
YIQ	150.4890, -4.9100, 22.9140

Conversions

Conversions Part 2

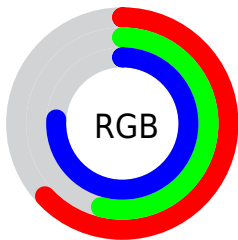
Format	Color
RYB	160, 137, 195
Decimal	10521027
CIELab	61.00, 20.35, -26.95
CIELCh	61, 33.767, 307.056
Yxy	29.2481, 0.2818, 0.2480
Android (android.graphics.Color)	4288711107 (0xFFA089C3)
YUV	150.4890, 21.9439, 8.3411
Hunter-Lab	54.0815, 15.0429, -22.9240

Details

The CIELCh color $61, 33.767, 307.056$ is a light color, and the websafe version is hex `9999CC`. A complement of this color would be $76, 32.083, 123.871$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 33.569, 306.620$, and $41, 33.697, 307.314$ is the 20% darker color. If you saturate the color by 10%, you get $55, 45.720, 307.728$, and if you desaturate by 10%, it is $67, 22.083, 306.431$.

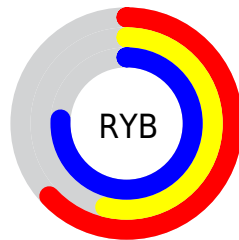
Distribution



Red (63%)

Green (54%)

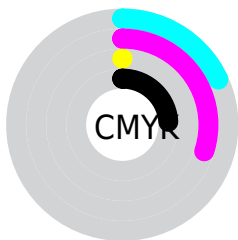
Blue (76%)



Red (63%)

Yellow (54%)

Blue (76%)

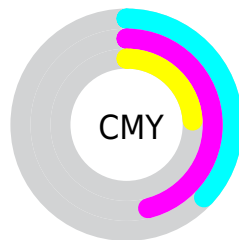


Cyan (18%)

Magenta (30%)

Yellow (0%)

Black (24%)



Cyan (37%)

Magenta (46%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 33.767, 307.056 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, 33.767, 307.056 by changing the saturation by 10% instead.

■ 61, 33.767,
307.056

■ 61, 33.767,
307.056

■ 100, 33.767,
307.056

■ 51, 33.767,
307.056

■ 81, 33.767,
307.056

■ 41, 33.767,
307.056

■ 91, 33.767,
307.056

■ 31, 33.767,
307.056

■ 21, 33.767,
307.056

■ 11, 33.767,
307.056

■ 1, 33.767, 307.056

■ 0, 33.767, 307.056

61, 33.767,
307.056

61, 33.767,
307.056

55, 45.720,
307.728

67, 22.083,
306.431

49, 57.811,
308.424

73, 10.736,
305.861

44, 69.772,
309.101

79, 0.251, 125.687

39, 81.140,
309.687

85, 10.878,
124.926

34, 91.185,
310.068

91, 21.153,
124.532

31, 98.955,
310.105

97, 31.093,
124.191


28, 104.087,
309.772

98, 30.726,
116.905

28, 104.206,

99, 30.300,
108.632

309.766

 99, 30.295,
107.874

Harmonies

Complementary

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



61, 33.767, 307.056



76, 32.083, 123.871

Rectangle

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



61, 33.767, 307.056



61, 33.767, 357.056



61, 33.767, 127.056



61, 33.767, 177.056

Sweetspot

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



61, 33.765, 307.056



92, 12.206, 305.828



69, 16.770, 245.798



49, 8.571, 305.908



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



61, 33.765, 307.056



73, 50.878, 307.509



64, 37.068, 322.643



38, 6.205, 305.840



22, 90.157, 309.917



2, 19.919, 301.933

Inverse Universe

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



64, 29.158, 340.886



77, 43.460, 341.545



74, 36.806, 139.506



38, 5.467, 339.131



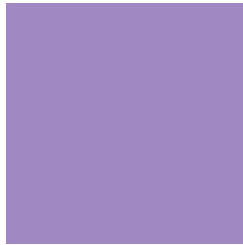
35, 62.075, 352.242



3, 16.910, 346.052

Previews

White Background



This preview shows how the CIELCh color 61, 33.767, 307.056 looks on a white background.

Color Contrast Check

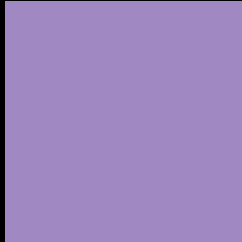
Large Text (above 18pt) WCAG AA ✓ Pass

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, 33.767, 307.056 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

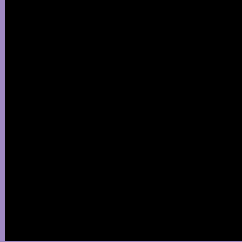
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 33.767, 307.056

Background



This preview shows how black text looks on a background with the CIELCh color 61, 33.767, 307.056.

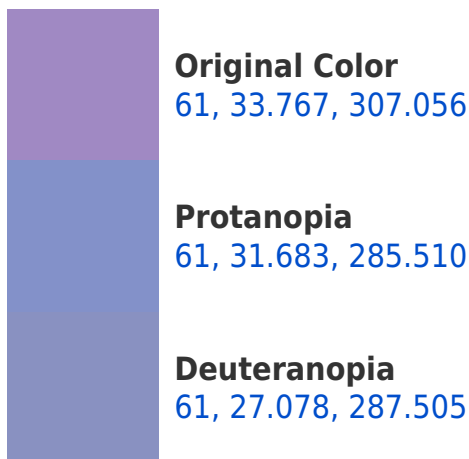



This preview shows how white text looks on a background with the CIELCh color 61, 33.767, 307.056.

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





Tritanopia
61, 7.622, 317.593

Trichromacy



Original Color
61, 33.767, 307.056

Protanomaly
61, 32.135, 293.069

Deuteranomaly
61, 29.368, 295.306

Tritanomaly
61, 17.233, 309.250

Monochromacy



Original Color
61, 33.767, 307.056

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 12.333, 307.143

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 33.767, 307.056 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(160, 137, 195)` looks like.

```
.text, #text, p{  
    color:rgb(160, 137, 195)  
}
```

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(160, 137, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 137, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 33.767, 307.056 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(160, 137, 195) }
```

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

```
.border{ border-color:rgb(160, 137, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 137, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 137, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 137, 195);  
box-shadow:4px 4px 4px 4px rgb(160, 137,  
195) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 33.767, 307.056 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 137, 195) }
```

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

```
.background{ background-color: rgb(160,  
137, 195) }
```

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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