

Converting Colors

CIELCh(61, 21.166, 313.325)

Have a look what the booklet for
CIELCh(61, 21.166, 313.325)
contains.

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Color

CIELCh(61, 20.734, 313.889)

Conversions

Conversions Part 1

Format	Color
Hex	A18CAE
RGB	161, 140, 174
RGB Percent	63%, 55%, 68%
CMY	0.3699, 0.4522, 0.3190
CMYK	0.07, 0.20, 0.00, 0.32
HSL	277°, 17%, 61%
HSV	277°, 20%, 68%
XYZ	31.5701, 29.2481, 43.8554
YIQ	150.1550, 1.6020, 15.0260

Conversions

Conversions Part 2

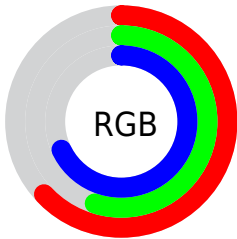
Format	Color
R _Y B	161, 140, 174
Decimal	10587310
CIE Lab	61.00, 14.37, -14.94
CIE LCh	61, 20.734, 313.889
Yxy	29.2481, 0.3016, 0.2794
Android (android.graphics.Color)	4288777390 (0xFFA18CAE)
YUV	150.1550, 11.7556, 9.5111
Hunter-Lab	54.0815, 9.5566, -10.2219

Details

The CIELCh color $61, 20.734, 313.889$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $69, 20.335, 132.224$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 20.726, 313.514$, and $41, 20.842, 313.373$ is the 20% darker color. If you saturate the color by 10%, you get $56, 31.622, 314.340$, and if you desaturate by 10%, it is $66, 10.024, 313.447$.

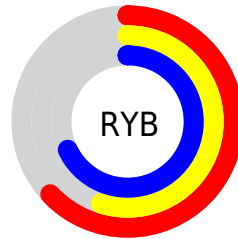
Distribution



Red (63%)

Green (55%)

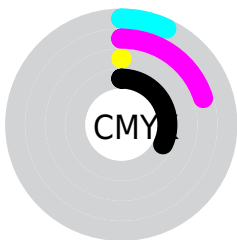
Blue (68%)



Red (63%)

Yellow (55%)

Blue (68%)

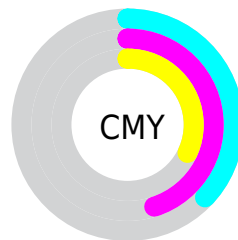


Cyan (7%)

Magenta (20%)

Yellow (0%)

Black (32%)



Cyan (37%)

Magenta (45%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 20.734, 313.889 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, 20.734, 313.889 by changing the saturation by 10% instead.

■ 61, 20.734,
313.889

■ 61, 20.734,
313.889

■ 100, 20.734,
313.889

■ 51, 20.734,
313.889

■ 81, 20.734,
313.889

■ 41, 20.734,
313.889

■ 91, 20.734,
313.889

■ 31, 20.734,
313.889

■ 21, 20.734,
313.889

■ 11, 20.734,
313.889

■ 1, 20.734, 313.889

■ 0, 20.734, 313.889

61, 20.734,
313.889

61, 20.734,
313.889

56, 31.622,
314.340

66, 10.024,
313.447

51, 42.574,
314.788

71, 0.437, 133.373

46, 53.390,
315.205

76, 10.617,
132.687

42, 63.760,
315.550

81, 20.503,
132.336

38, 73.237,
315.767

87, 30.095,
132.023

35, 81.244,
315.781

92, 39.401,
131.744

32, 87.174,
315.511

95, 44.838,
130.613

30, 91.052,

96, 43.861,
127.799

314.968

96, 42.993,
124.812

30, 91.215,
314.946

Harmonies

Complementary

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



61, 20.734, 313.889



69, 20.335, 132.224

Rectangle

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



61, 20.734, 313.889



61, 20.734, 3.889



61, 20.734, 133.889



61, 20.734, 183.889

Sweetspot

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



61, 20.732, 313.888



86, 7.782, 313.294



63, 12.488, 269.718



46, 5.207, 313.322



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



61, 20.732, 313.888



76, 30.410, 314.061



62, 21.147, 328.907



34, 5.921, 313.435



25, 81.998, 315.070



1, 12.107, 309.827

Inverse Universe

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



62, 15.150, 352.370



77, 22.245, 352.804



68, 21.106, 146.505



34, 4.310, 351.295



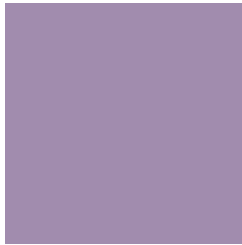
31, 57.296, 12.428



2, 8.610, 355.136

Previews

White Background



This preview shows how the CIELCh color 61, 20.734, 313.889 looks on a white background.

Color Contrast Check

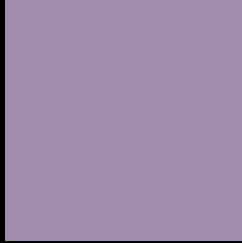
Large Text (above 18pt) WCAG AA ✓ Pass

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, 20.734, 313.889 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

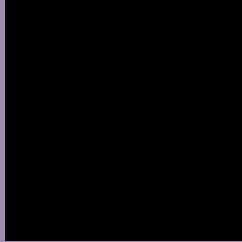
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 20.734, 313.889

Background



This preview shows how black text looks on a background with the CIELCh color 61, 20.734, 313.889.



This preview shows how white text looks on a background with the CIELCh color 61, 20.734, 313.889.

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, 20.734, 313.889

Protanopia

61, 18.091, 285.508

Deuteranopia

61, 16.486, 298.238



Tritanopia
61, 8.503, 333.554

Trichromacy



Original Color
61, 20.734, 313.889

Protanomaly
61, 18.128, 296.660

Deuteranomaly
61, 18.010, 304.850

Tritanomaly
61, 12.543, 322.108

Monochromacy



Original Color
61, 20.734, 313.889

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 7.952, 313.310

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 20.734, 313.889 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(161, 140, 174)` looks like.

```
.text, #text, p{  
    color:rgb(161, 140, 174)  
}
```

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(161, 140, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 140, 174) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 20.734, 313.889 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(161, 140, 174) }
```

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

```
.border{ border-color:rgb(161, 140, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 140, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 140, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 140, 174);  
box-shadow:4px 4px 4px 4px rgb(161, 140,  
174) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 20.734, 313.889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 140, 174) }
```

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

```
.background{ background-color: rgb(161,  
140, 174) }
```

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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