

Converting Colors

CIELCh(61, 27.907, 326.435)

Have a look what the booklet for
CIELCh(61, 27.907, 326.435)
contains.

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Color

CIELCh(61, 27.790, 326.375)

Conversions

Conversions Part 1

Format	Color
Hex	B086AF
RGB	176, 134, 175
RGB Percent	69%, 53%, 69%
CMY	0.3110, 0.4756, 0.3149
CMYK	0.00, 0.24, 0.01, 0.31
HSL	301°, 21%, 61%
HSV	301°, 24%, 69%
XYZ	34.0289, 29.2481, 44.2540
YIQ	151.2320, 11.8710, 21.6550

Conversions

Conversions Part 2

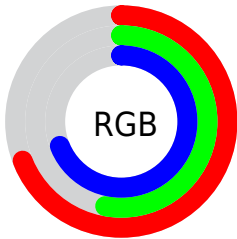
Format	Color
RYB	176, 134, 175
Decimal	11568815
CIELab	61.00, 23.14, -15.39
CIELCh	61, 27.790, 326.375
Yxy	29.2481, 0.3165, 0.2720
Android (android.graphics.Color)	4289758895 (0xFFB086AF)
YUV	151.2320, 11.7176, 21.7215
Hunter-Lab	54.0815, 17.6722, -10.6589

Details

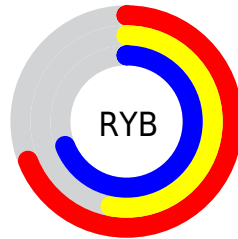
The CIELCh color $61, 27.790, 326.375$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $68, 27.772, 143.511$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 27.659, 326.096$, and $41, 27.467, 326.797$ is the 20% darker color. If you saturate the color by 10%, you get $57, 39.274, 326.910$, and if you desaturate by 10%, it is $65, 16.126, 325.823$.

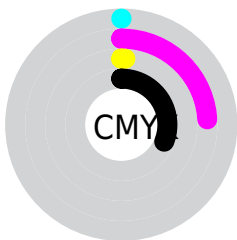
Distribution



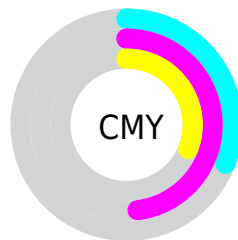
- Red (69%)
- Green (53%)
- Blue (69%)



- Red (69%)
- Yellow (53%)
- Blue (69%)



- Cyan (0%)
- Magenta (24%)
- Yellow (1%)
- Black (31%)





- Cyan (31%)
- Magenta (48%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 27.790, 326.375 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, 27.790, 326.375 by changing the saturation by 10% instead.


 61, 27.790,
326.375


 61, 27.790,
326.375


 100, 27.790,
326.375


 51, 27.790,
326.375


 81, 27.790,
326.375

 41, 27.790,
326.375

 91, 27.790,
326.375

 31, 27.790,
326.375

 21, 27.790,
326.375

 11, 27.790,
326.375

 1, 27.790, 326.375

 0, 27.790, 326.375

61, 27.790,
326.375

61, 27.790,
326.375

57, 39.274,
326.910

65, 16.126,
325.823

53, 50.295,
327.418

70, 4.496, 325.238

50, 60.476,
327.884

75, 6.961, 144.787

47, 69.380,
328.294

79, 18.159,
144.243

44, 76.570,
328.636

84, 29.048,
143.735

43, 81.705,
328.904

89, 39.605,
143.253

42, 84.664,
329.098

93, 48.834,
142.855

41, 85.792,

93, 48.660,
142.996

329.195

 93, 48.486,
143.137

Harmonies

Complementary

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



61, 27.790, 326.375



68, 27.772, 143.511

Rectangle

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



61, 27.790, 326.375



61, 27.790, 16.375



61, 27.790, 146.375



61, 27.790, 196.375

Sweetspot

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



61, 27.788, 326.375



87, 10.059, 325.439



57, 23.977, 293.497



46, 6.531, 325.472



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, 27.788, 326.375



75, 41.856, 326.678



60, 19.889, 346.702



34, 6.485, 325.564



35, 76.548, 329.182



2, 13.530, 325.386

Inverse Universe

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



61, 27.788, 326.375



75, 41.856, 326.678



68, 19.265, 162.431



34, 6.485, 325.564



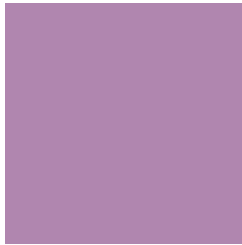
35, 76.548, 329.182



2, 13.530, 325.386

Previews

White Background



This preview shows how the CIELCh color 61, 27.790, 326.375 looks on a white background.

Color Contrast Check

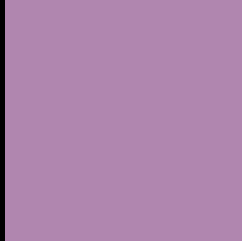
Large Text (above 18pt) WCAG AA ✓ Pass

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, 27.790, 326.375 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

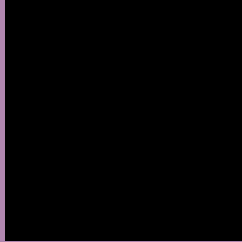
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 27.790, 326.375

Background



This preview shows how black text looks on a background with the CIELCh color 61, 27.790, 326.375.

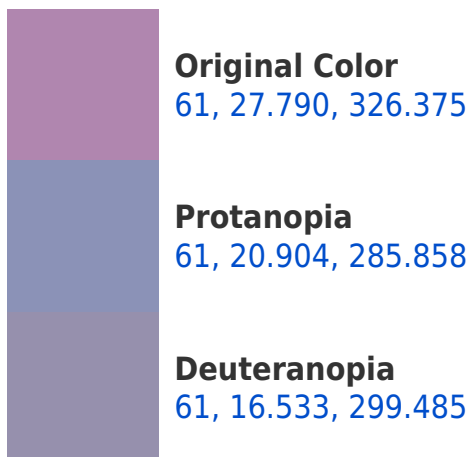


This preview shows how white text looks on a background with the CIELCh color 61, 27.790, 326.375.

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, 14.740, 356.295

Trichromacy



Original Color
61, 27.790, 326.375

Protanomaly
61, 21.796, 301.844

Deuteranomaly
61, 20.481, 311.945

Tritanomaly
61, 18.861, 340.550

Monochromacy



Original Color
61, 27.790, 326.375

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 10.221, 324.923

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 27.790, 326.375 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(176, 134, 175)` looks like.

```
.text, #text, p{  
    color:rgb(176, 134, 175)  
}
```

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(176, 134, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 134, 175) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 27.790, 326.375 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(176, 134, 175) }
```

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

```
.border{ border-color:rgb(176, 134, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 134, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 134, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 134, 175);  
box-shadow:4px 4px 4px 4px rgb(176, 134,  
175) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 27.790, 326.375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 134, 175) }
```

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

```
.background{ background-color: rgb(176,  
134, 175) }
```

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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