

Converting Colors

CIELCh(61, 51.023, 326.186)

Have a look what the booklet for
CIELCh(61, 51.023, 326.186)
contains.

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Color

CIELCh(61, 51.303, 326.190)

Conversions

Conversions Part 1

Format	Color
Hex	C577C6
RGB	197, 119, 198
RGB Percent	77%, 47%, 78%
CMY	0.2264, 0.5323, 0.2225
CMYK	0.01, 0.40, 0.00, 0.22
HSL	299°, 41%, 62%
HSV	299°, 40%, 78%
XYZ	39.9453, 29.2481, 57.1241
YIQ	151.3280, 21.1290, 41.1050

Conversions

Conversions Part 2

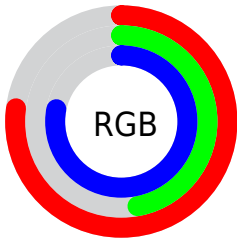
Format	Color
R_{YB}	197, 119, 198
Decimal	12941254
CIE _{Lab}	61.00, 42.63, -28.55
CIE _{LCh}	61, 51.303, 326.190
Yxy	29.2481, 0.3162, 0.2315
Android (android.graphics.Color)	4291131334 (0xFFC577C6)
YUV	151.3280, 23.0093, 40.0543
Hunter-Lab	54.0815, 37.1997, -24.7685

Details

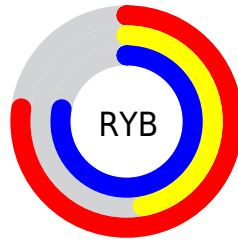
The CIELCh color **61, 51.303, 326.190** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **73, 51.353, 141.164**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **81, 51.272, 326.194**, and **41, 51.162, 326.299** is the 20% darker color. If you saturate the color by 10%, you get **57, 63.108, 326.646**, and if you desaturate by 10%, it is **65, 38.731, 325.690**.

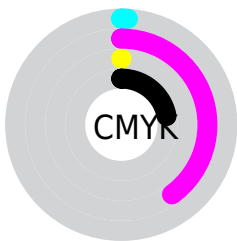
Distribution



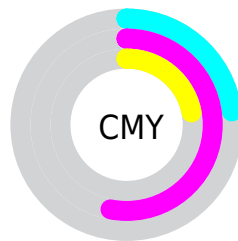
- Red (77%)
- Green (47%)
- Blue (78%)



- Red (77%)
- Yellow (47%)
- Blue (78%)



- Cyan (1%)
- Magenta (40%)
- Yellow (0%)
- Black (22%)





- Cyan (23%)
- Magenta (53%)
- Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 51.303, 326.190 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, 51.303, 326.190 by changing the saturation by 10% instead.


 61, 51.303,
326.190


 61, 51.303,
326.190


 100, 51.303,
326.190


 51, 51.303,
326.190


 81, 51.303,
326.190

 41, 51.303,
326.190

 91, 51.303,
326.190

 31, 51.303,
326.190

 21, 51.303,
326.190

 11, 51.303,
326.190

 1, 51.303, 326.190

 0, 51.303, 326.190

61, 51.303,
326.190

61, 51.303,
326.190

57, 63.108,
326.646

65, 38.731,
325.690

54, 73.685,
327.039

70, 25.783,
325.163

51, 82.527,
327.352

75, 12.745,
324.617

49, 89.195,
327.573

80, 0.182, 145.495

47, 93.449,
327.694

85, 12.867,
143.597


47, 95.639,
327.733

91, 25.232,
143.080

47, 95.668,
327.733

95, 35.414,
142.648

95, 35.364,
142.540

 95, 35.313,
142.431

Harmonies

Complementary

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



61, 51.303, 326.190



73, 51.353, 141.164

Rectangle

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



61, 51.303, 326.190



61, 51.303, 16.190



61, 51.303, 146.190



61, 51.303, 196.190

Sweetspot

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



61, 51.301, 326.190



93, 19.067, 324.746



54, 44.836, 294.881



48, 12.655, 324.818



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, 51.301, 326.190



73, 74.718, 326.597



60, 37.437, 346.620



39, 7.353, 324.591



38, 82.803, 327.740



4, 26.601, 326.527

Inverse Universe

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



59, 33.523, 22.332



69, 50.868, 23.932



74, 35.868, 158.885



39, 4.278, 18.905



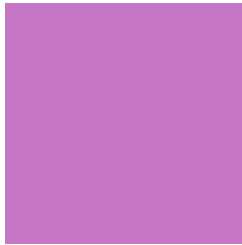
34, 74.136, 39.270



3, 15.888, 18.752

Previews

White Background



This preview shows how the CIELCh color 61, 51.303, 326.190 looks on a white background.

Color Contrast Check

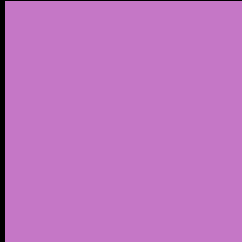
Large Text (above 18pt) WCAG AA ✓ Pass

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, 51.303, 326.190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

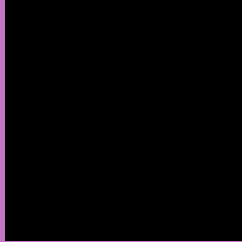
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 51.303, 326.190

Background



This preview shows how black text looks on a background with the CIELCh color 61, 51.303, 326.190.

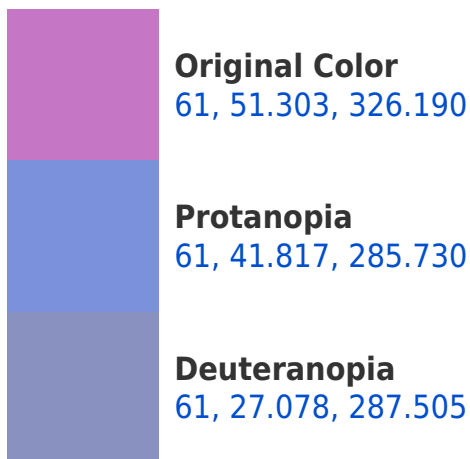


This preview shows how white text looks on a background with the CIELCh color 61, 51.303, 326.190.

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, 24.446, 9.025

Trichromacy



Original Color
61, 51.303, 326.190

Protanomaly
61, 42.666, 300.636

Deuteranomaly
61, 34.346, 306.864

Tritanomaly
61, 31.735, 345.180

Monochromacy



Original Color
61, 51.303, 326.190

Achromatopsia
63, 0.008, 296.813

Achromatomaly
62, 19.429, 324.395

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 51.303, 326.190 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(197, 119, 198)` looks like.

```
.text, #text, p{  
    color:rgb(197, 119, 198)  
}
```

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(197, 119, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 119, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 51.303, 326.190 is called "border". The border property can be set on classes, ids or directly on the HTML element.

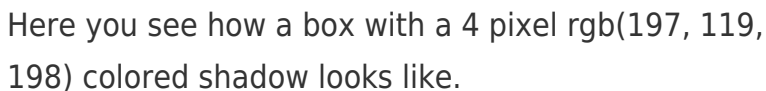
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 119, 198) }
```

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

```
.border{ border-color:rgb(197, 119, 198) }
```

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



Here you see how a box with a 4 pixel `rgb(197, 119, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 119, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 119, 198); box-shadow:4px 4px 4px 4px rgb(197, 119, 198) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 51.303, 326.190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 119, 198) }
```

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

```
.background{ background-color: rgb(197,  
119, 198) }
```

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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