

Converting Colors

CIELCh(61, 33.832, 2.174)

Have a look what the booklet for
CIELCh(61, 33.832, 2.174) contains.

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Color

CIELCh(61, 33.893, 2.476)

Conversions

Conversions Part 1

Format	Color
Hex	CC7C92
RGB	204, 124, 146
RGB Percent	80%, 49%, 57%
CMY	0.2008, 0.5144, 0.4282
CMYK	0.00, 0.39, 0.28, 0.20
HSL	343°, 44%, 64%
HSV	343°, 39%, 80%
XYZ	37.2057, 29.2481, 30.8041
YIQ	150.4280, 40.6180, 23.8020

Conversions

Conversions Part 2

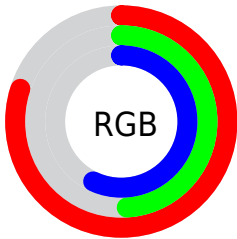
Format	Color
R_{YB}	204, 124, 146
Decimal	13401234
CIE _{Lab}	61.00, 33.86, 1.46
CIE _{LCh}	61, 33.893, 2.476
Yxy	29.2481, 0.3825, 0.3007
Android (android.graphics.Color)	4291591314 (0xFFCC7C92)
YUV	150.4280, -2.1830, 46.9826
Hunter-Lab	54.0815, 28.1574, 4.0863

Details

The CIELCh color **61, 33.893, 2.476** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **77, 29.790, 173.728**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **80, 31.059, 0.365**, and **41, 34.133, 2.062** is the 20% darker color. If you saturate the color by 10%, you get **56, 42.760, 4.354**, and if you desaturate by 10%, it is **66, 24.933, 0.941**.

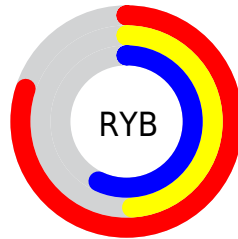
Distribution



Red (80%)

Green (49%)

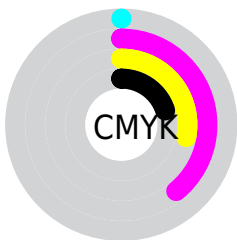
Blue (57%)



Red (80%)

Yellow (49%)

Blue (57%)

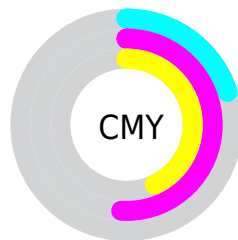


Cyan (0%)

Magenta (39%)

Yellow (28%)

Black (20%)



Cyan (20%)

Magenta (51%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 33.893, 2.476 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, 33.893, 2.476 by changing the saturation by 10% instead.

61, 33.893, 2.476

61, 33.893, 2.476

100, 33.893, 2.476

51, 33.893, 2.476

81, 33.893, 2.476

41, 33.893, 2.476

91, 33.893, 2.476

31, 33.893, 2.476

21, 33.893, 2.476

11, 33.893, 2.476

1, 33.893, 2.476

0, 33.893, 2.476

61, 33.893, 2.476

61, 33.893, 2.476

56, 42.760, 4.354

66, 24.933, 0.941

■ 52, 51.217, 6.690

■ 71, 16.117,
359.652

■ 49, 58.875, 9.641

■ 77, 7.581, 358.528

■ 46, 65.385, 13.374

■ 82, 0.601, 178.470

■ 44, 70.601, 18.006

■ 88, 8.405, 176.880

■ 43, 74.869, 23.355

■ 94, 15.830,
176.115

■ 43, 75.205, 23.749

■ 96, 17.441,
188.559

■ 97, 16.934,
198.382

Harmonies

Complementary

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



61, 33.893, 2.476



77, 29.790, 173.728

Rectangle

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



61, 33.893, 2.476



61, 33.893, 52.476



61, 33.893, 182.476



61, 33.893, 232.476

Sweetspot

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



61, 33.890, 2.478



92, 11.881, 358.845



60, 48.894, 317.928



48, 7.903, 358.990



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, 33.890, 2.478



70, 48.940, 4.021



64, 28.698, 41.002



40, 4.658, 358.545



35, 64.130, 22.820



4, 18.453, 6.119

Inverse Universe

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



61, 33.890, 2.478



70, 48.940, 4.021



72, 21.722, 223.987



40, 4.658, 358.545



35, 64.130, 22.820



4, 18.453, 6.119

Previews

White Background



This preview shows how the CIELCh color 61, 33.893, 2.476 looks on a white background.

Color Contrast Check

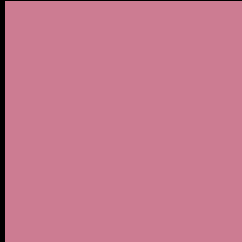
Large Text (above 18pt) WCAG AA ✓ Pass

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, 33.893, 2.476 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

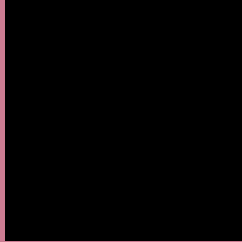
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 33.893, 2.476

Background



This preview shows how black text looks on a background with the CIELCh color 61, 33.893, 2.476.



This preview shows how white text looks on a background with the CIELCh color 61, 33.893, 2.476.

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, 31.928, 14.150

Trichromacy



Original Color
61, 33.893, 2.476

Protanomaly
61, 14.075, 344.158

Deuteranomaly
61, 17.375, 6.397

Tritanomaly
61, 32.459, 9.464

Monochromacy



Original Color
61, 33.893, 2.476

Achromatopsia
62, 0.008, 296.813

Achromatomaly
61, 12.662, 0.036

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 33.893, 2.476 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(204, 124, 146)` looks like.

```
.text, #text, p{  
    color:rgb(204, 124, 146)  
}
```

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(204, 124, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 124, 146) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 33.893, 2.476 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(204, 124, 146) }
```

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

```
.border{ border-color:rgb(204, 124, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 124, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 124, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 124, 146);  
box-shadow:4px 4px 4px 4px rgb(204, 124,  
146) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 33.893, 2.476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 124, 146) }
```

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

```
.background{ background-color: rgb(204,  
124, 146) }
```

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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