

Converting Colors

CIELCh(61, 30.546, 352.379)

Have a look what the booklet for
CIELCh(61, 30.546, 352.379)
contains.

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Color

CIELCh(61, 30.557, 352.373)

Conversions

Conversions Part 1

Format	Color
Hex	C37F9B
RGB	195, 127, 155
RGB Percent	76%, 50%, 61%
CMY	0.2343, 0.5010, 0.3912
CMYK	0.00, 0.35, 0.20, 0.23
HSL	335°, 36%, 63%
HSV	335°, 35%, 77%
XYZ	36.1255, 29.2481, 34.8549
YIQ	150.5240, 31.5400, 23.1240

Conversions

Conversions Part 2

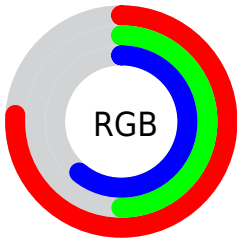
Format	Color
RYB	195, 127, 155
Decimal	12812187
CIELab	61.00, 30.29, -4.06
CIELCh	61, 30.557, 352.373
Yxy	29.2481, 0.3604, 0.2918
Android (android.graphics.Color)	4291002267 (0xFFC37F9B)
YUV	150.5240, 2.2067, 39.0055
Hunter-Lab	54.0815, 24.5919, -0.3546

Details

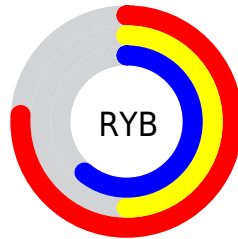
The CIELCh color $61, 30.557, 352.373$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $74, 28.634, 165.250$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 30.342, 353.074$, and $41, 30.331, 352.572$ is the 20% darker color. If you saturate the color by 10%, you get $56, 39.319, 353.838$, and if you desaturate by 10%, it is $66, 21.629, 351.129$.

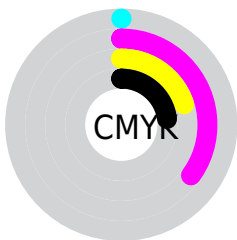
Distribution



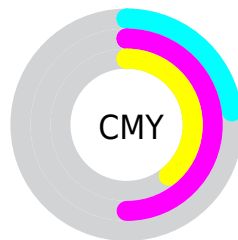
- Red (76%)
- Green (50%)
- Blue (61%)



- Red (76%)
- Yellow (50%)
- Blue (61%)



- Cyan (0%)
- Magenta (35%)
- Yellow (20%)
- Black (23%)





- Cyan (23%)
- Magenta (50%)
- Yellow (39%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 30.557, 352.373 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, 30.557, 352.373 by changing the saturation by 10% instead.


 61, 30.557,
352.373


 61, 30.557,
352.373


 100, 30.557,
352.373


 51, 30.557,
352.373


 81, 30.557,
352.373

 41, 30.557,
352.373

 91, 30.557,
352.373

 31, 30.557,
352.373

 21, 30.557,
352.373

 11, 30.557,
352.373

 1, 30.557, 352.373

 0, 30.557, 352.373

61, 30.557,
352.373

61, 30.557,
352.373

56, 39.319,
353.838

66, 21.629,
351.129

52, 47.601,
355.598

71, 12.765,
350.040

49, 54.990,
357.767

76, 4.099, 349.020

46, 61.048, 0.494

82, 4.290, 168.378

43, 65.447, 3.952

87, 12.371,
167.548

42, 68.159, 8.296

93, 20.133,
166.839

42, 69.267, 10.754

96, 22.744,
172.054

96, 20.341,
186.652

■ 96, 19.539,
198.216

Harmonies

Complementary

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



61, 30.557, 352.373



74, 28.634, 165.250

Rectangle

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



61, 30.557, 352.373



61, 30.557, 42.373



61, 30.557, 172.373



61, 30.557, 222.373

Sweetspot

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



61, 30.554, 352.375



93, 10.615, 349.567



59, 40.906, 313.487



49, 7.258, 349.710



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, 30.554, 352.375



74, 45.784, 353.499



62, 26.525, 28.825



38, 4.810, 349.487



34, 59.878, 9.937



3, 15.171, 357.502

Inverse Universe

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



61, 30.554, 352.375



74, 45.784, 353.499



73, 20.643, 206.528



38, 4.810, 349.487



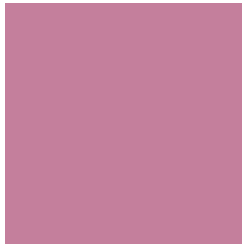
34, 59.878, 9.937



3, 15.171, 357.502

Previews

White Background



This preview shows how the CIELCh color 61, 30.557, 352.373 looks on a white background.

Color Contrast Check

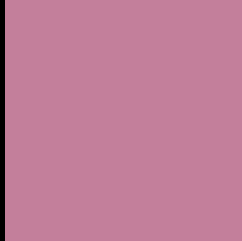
Large Text (above 18pt) WCAG AA ✓ Pass

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, 30.557, 352.373 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

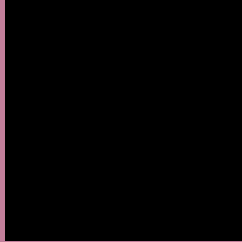
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 30.557, 352.373

Background



This preview shows how black text looks on a background with the CIELCh color 61, 30.557, 352.373.

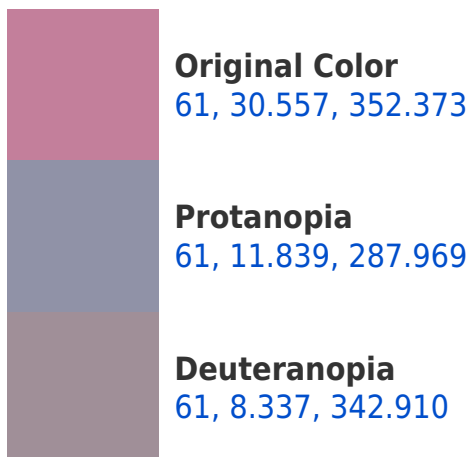


This preview shows how white text looks on a background with the CIELCh color 61, 30.557, 352.373.

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, 26.492, 10.331

Trichromacy



Original Color
61, 30.557, 352.373

Protanomaly
61, 16.340, 325.220

Deuteranomaly
61, 16.662, 348.655

Tritanomaly
61, 27.500, 2.525

Monochromacy



Original Color
61, 30.557, 352.373

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 11.536, 348.320

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 30.557, 352.373 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(195, 127, 155)` looks like.

```
.text, #text, p{  
    color:rgb(195, 127, 155)  
}
```

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(195, 127, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 127, 155) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 30.557, 352.373 is called "border". The border property can be set on classes, ids or directly on the HTML element.

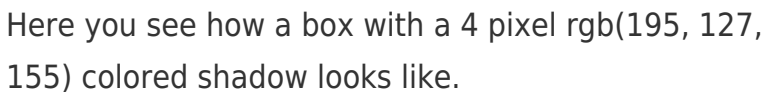
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(195, 127, 155) }
```

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

```
.border{ border-color:rgb(195, 127, 155) }
```

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



Here you see how a box with a 4 pixel `rgb(195, 127, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 127, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 127, 155);  
box-shadow:4px 4px 4px 4px rgb(195, 127,  
155) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 30.557, 352.373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 127, 155) }
```

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

```
.background{ background-color: rgb(195,  
127, 155) }
```

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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