

Converting Colors

CIELCh(60, 30.460, 328.843)

Have a look what the booklet for
CIELCh(60, 30.460, 328.843)
contains.

CIELCh(60, 30.662, 328.915)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(60, 30.662, 328.915)

Conversions

Conversions Part 1

Format	Color
Hex	B281AD
RGB	178, 129, 173
RGB Percent	70%, 51%, 68%
CMY	0.3025, 0.4946, 0.3221
CMYK	0.00, 0.28, 0.03, 0.30
HSL	306°, 24%, 60%
HSV	306°, 28%, 70%
XYZ	33.6875, 28.1233, 43.1152
YIQ	148.6670, 15.0800, 24.0720

Conversions

Conversions Part 2

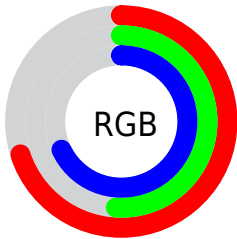
Format	Color
RYB	178, 129, 173
Decimal	11698605
CIELab	60.00, 26.26, -15.83
CIELCh	60, 30.662, 328.915
Yxy	28.1233, 0.3211, 0.2680
Android (android.graphics.Color)	4289888685 (0xFFB281AD)
YUV	148.6670, 11.9962, 25.7250
Hunter-Lab	53.0314, 20.5846, -11.0814

Details

The CIELCh color $60, 30.662, 328.915$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $68, 30.620, 145.411$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 30.644, 329.050$, and $40, 30.893, 328.910$ is the 20% darker color. If you saturate the color by 10%, you get $56, 41.551, 329.499$, and if you desaturate by 10%, it is $64, 19.518, 328.327$.

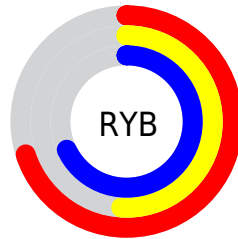
Distribution



Red (70%)

Green (51%)

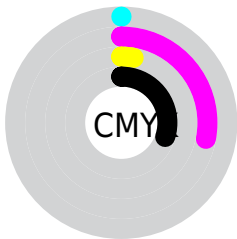
Blue (68%)



Red (70%)

Yellow (51%)

Blue (68%)

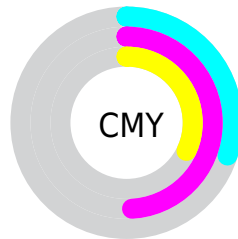


Cyan (0%)

Magenta (28%)

Yellow (3%)

Black (30%)



Cyan (30%)


Magenta (49%)


Yellow (32%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 30.662, 328.915 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 60, 30.662, 328.915 by changing the saturation by 10% instead.


 60, 30.662,
328.915


 60, 30.662,
328.915


 100, 30.662,
328.915


 50, 30.662,
328.915


 80, 30.662,
328.915

 40, 30.662,
328.915

 90, 30.662,
328.915


 30, 30.662,
328.915

 20, 30.662,
328.915

 10, 30.662,
328.915

 0, 30.662, 328.915

 60, 30.662,

 60, 30.662,

328.915

56, 41.551,
329.499

52, 51.876,
330.071

49, 61.238,
330.624

46, 69.182,
331.154

44, 75.276,
331.658

42, 79.219,
332.145

41, 81.083,
332.628

41, 81.427,
332.746

328.915

64, 19.518,
328.327

69, 8.351, 327.732

74, 2.684, 147.294


78, 13.493,
146.670

83, 24.020,
146.135

88, 34.238,
145.631

93, 44.138,
145.153

94, 44.357,
145.749

 94, 43.616,
146.472

Harmonies

Complementary

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



60, 30.662, 328.915



68, 30.620, 145.411

Rectangle

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



60, 30.662, 328.915



60, 30.662, 18.915



60, 30.662, 148.915



60, 30.662, 198.915

Sweetspot

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



60, 30.660, 328.915



87, 10.998, 327.768



56, 28.189, 296.809



46, 7.886, 327.858



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



60, 30.660, 328.915



74, 45.482, 329.268



59, 22.150, 352.168



35, 6.295, 327.840



35, 72.942, 332.687



2, 14.647, 328.864

Inverse Universe

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



60, 30.660, 328.915



74, 45.482, 329.268



69, 20.992, 166.800



35, 6.295, 327.840



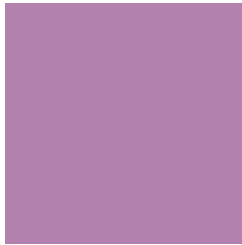
35, 72.942, 332.687



2, 14.647, 328.864

Previews

White Background



This preview shows how the CIELCh color 60, 30.662, 328.915 looks on a white background.

Color Contrast Check

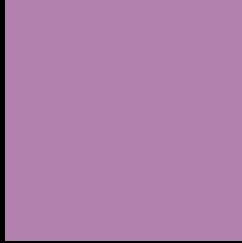
Large Text (above 18pt) WCAG AA ✓ Pass

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 60, 30.662, 328.915 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

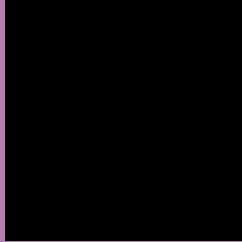
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 30.662, 328.915

Background



This preview shows how black text looks on a background with the CIELCh color 60, 30.662, 328.915.

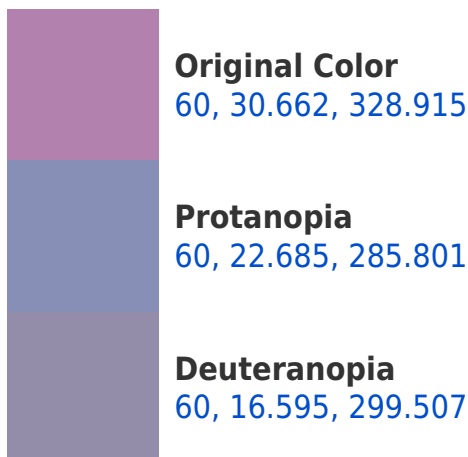


This preview shows how white text looks on a background with the CIELCh color 60, 30.662, 328.915.

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
60, 17.043, 0.081

Trichromacy



Original Color
60, 30.662, 328.915

Protanomaly
60, 23.754, 303.864

Deuteranomaly
60, 20.808, 313.903

Tritanomaly
60, 21.064, 343.909

Monochromacy



Original Color
60, 30.662, 328.915

Achromatopsia
62, 0.008, 296.813

Achromatomaly
61, 11.150, 326.628

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 30.662, 328.915 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(178, 129, 173)` looks like.

```
.text, #text, p{  
    color:rgb(178, 129, 173)  
}
```

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(178, 129, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 129, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 30.662, 328.915 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(178, 129, 173) }
```

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

```
.border{ border-color:rgb(178, 129, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 129, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 129, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 129, 173);  
box-shadow:4px 4px 4px 4px rgb(178, 129,  
173) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 30.662, 328.915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 129, 173) }
```

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

```
.background{ background-color: rgb(178,  
129, 173) }
```

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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