

Converting Colors

CIELCh(60, 30.705, 325.832)

Have a look what the booklet for
CIELCh(60, 30.705, 325.832)
contains.

CIELCh(60, 30.281, 325.818)	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, 30.281, 325.818)

Conversions

Conversions Part 1

Format	Color
Hex	AF82AF
RGB	175, 130, 175
RGB Percent	69%, 51%, 69%
CMY	0.3142, 0.4906, 0.3142
CMYK	0.00, 0.26, 0.00, 0.31
HSL	300°, 22%, 60%
HSV	300°, 26%, 69%
XYZ	33.3434, 28.1233, 44.1641
YIQ	148.5850, 12.3750, 23.5350

Conversions

Conversions Part 2

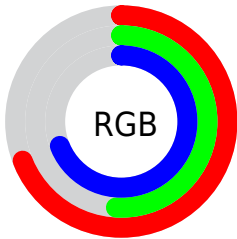
Format	Color
RYB	175, 130, 175
Decimal	11502255
CIELab	60.00, 25.05, -17.01
CIELCh	60, 30.281, 325.818
Yxy	28.1233, 0.3157, 0.2662
Android (android.graphics.Color)	4289692335 (0xFFAF82AF)
YUV	148.5850, 13.0226, 23.1660
Hunter-Lab	53.0314, 19.4264, -12.2542

Details

The CIELCh color $60, 30.281, 325.818$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $67, 30.270, 142.737$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 30.672, 325.574$, and $40, 30.090, 326.216$ is the 20% darker color. If you saturate the color by 10%, you get $56, 41.840, 326.336$, and if you desaturate by 10%, it is $64, 18.490, 325.279$.

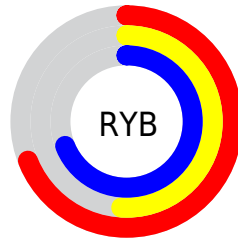
Distribution



Red (69%)

Green (51%)

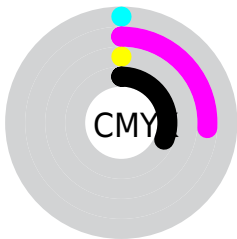
Blue (69%)



Red (69%)

Yellow (51%)

Blue (69%)

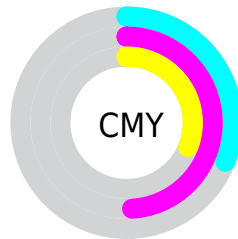


Cyan (0%)

Magenta (26%)

Yellow (0%)

Black (31%)



Cyan (31%)


Magenta (49%)


Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 30.281, 325.818 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, 30.281, 325.818 by changing the saturation by 10% instead.


 60, 30.281,
325.818


 60, 30.281,
325.818


 100, 30.281,
325.818


 50, 30.281,
325.818


 80, 30.281,
325.818

 40, 30.281,
325.818

 90, 30.281,
325.818


 30, 30.281,
325.818

 20, 30.281,
325.818

 10, 30.281,
325.818

 0, 30.281, 325.818

 60, 30.281,

 60, 30.281,

325.818

56, 41.840,
326.336

52, 52.865,
326.819

49, 62.966,
327.250

46, 71.703,
327.614

44, 78.651,
327.896

43, 83.510,
328.091

42, 86.240,
328.198

42, 87.094,
328.232

325.818

64, 18.490,
325.279

69, 6.700, 324.716

73, 4.940, 144.262


78, 16.329,
143.706

83, 27.413,
143.196

88, 38.161,
142.713

93, 48.566,
142.257

93, 50.143,
142.189

 93, 50.143,
142.189

Harmonies

Complementary

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



60, 30.281, 325.818



67, 30.270, 142.737

Rectangle

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



60, 30.281, 325.818



60, 30.281, 15.818



60, 30.281, 145.818



60, 30.281, 195.818

Sweetspot

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



60, 30.279, 325.818



86, 11.584, 324.856



56, 25.356, 292.545



45, 8.306, 324.941



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



60, 30.279, 325.818



73, 45.007, 326.122



59, 21.803, 345.014



34, 6.590, 324.922



35, 77.962, 328.232



2, 13.857, 324.438

Inverse Universe

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



59, 18.612, 21.377



71, 28.324, 22.048



68, 21.179, 160.499



34, 3.818, 19.908



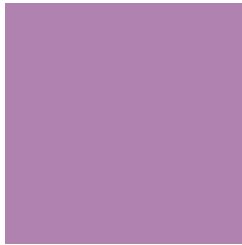
31, 69.982, 39.446



2, 7.802, 19.404

Previews

White Background



This preview shows how the CIELCh color 60, 30.281, 325.818 looks on a white background.

Color Contrast Check

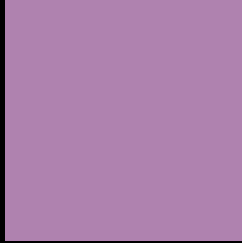
Large Text (above 18pt) WCAG AA ✓ Pass

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, 30.281, 325.818 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

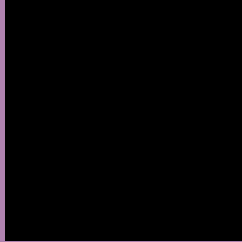
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 30.281, 325.818

Background



This preview shows how black text looks on a background with the CIELCh color 60, 30.281, 325.818.



This preview shows how white text looks on a background with the CIELCh color 60, 30.281, 325.818.

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



Original Color
60, 30.281, 325.818

Protanopia
60, 23.243, 286.048

Deuteranopia
60, 17.582, 295.615



Tritanopia
60, 15.530, 357.684

Trichromacy



Original Color
60, 30.281, 325.818

Protanomaly
60, 24.796, 302.608

Deuteranomaly
60, 21.474, 310.023

Tritanomaly
60, 20.196, 339.655

Monochromacy



Original Color
60, 30.281, 325.818

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 11.619, 325.000

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 30.281, 325.818 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(175, 130, 175)` looks like.

```
.text, #text, p{  
    color:rgb(175, 130, 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(175, 130, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 130, 175) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 30.281, 325.818 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(175, 130, 175) }
```

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

```
.border{ border-color:rgb(175, 130, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 130, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(175, 130, 175); -webkit-box-shadow:4px 4px 4px 4px rgb(175, 130, 175); box-shadow:4px 4px 4px 4px rgb(175, 130, 175) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 30.281, 325.818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 130, 175) }
```

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

```
.background{ background-color: rgb(175,  
130, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor