

Converting Colors

CIELCh(60, 30.066, 315.131)

Have a look what the booklet for
CIELCh(60, 30.066, 315.131)
contains.

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Color

CIELCh(60, 30.064, 315.371)

Conversions

Conversions Part 1

Format	Color
Hex	A585B6
RGB	165, 133, 182
RGB Percent	65%, 52%, 71%
CMY	0.3532, 0.4787, 0.2865
CMYK	0.09, 0.27, 0.00, 0.29
HSL	279°, 25%, 62%
HSV	279°, 27%, 71%
XYZ	32.3174, 28.1233, 47.9432
YIQ	148.1540, 3.3430, 22.0230

Conversions

Conversions Part 2

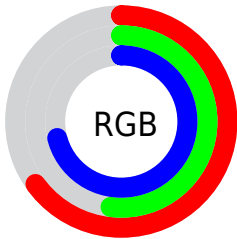
Format	Color
R _Y B	165, 133, 182
Decimal	10847670
CIE Lab	60.00, 21.40, -21.12
CIE LCh	60, 30.064, 315.371
Yxy	28.1233, 0.2982, 0.2595
Android (android.graphics.Color)	4289037750 (0xFFA585B6)
YUV	148.1540, 16.6861, 14.7739
Hunter-Lab	53.0314, 15.9732, -16.4793

Details

The CIELCh color $60, 30.064, 315.371$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $71, 29.355, 133.010$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 30.225, 315.188$, and $40, 30.203, 315.682$ is the 20% darker color. If you saturate the color by 10%, you get $55, 41.468, 315.809$, and if you desaturate by 10%, it is $65, 18.727, 314.928$.

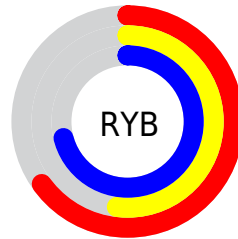
Distribution



Red (65%)

Green (52%)

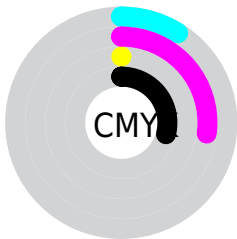
Blue (71%)



Red (65%)

Yellow (52%)

Blue (71%)

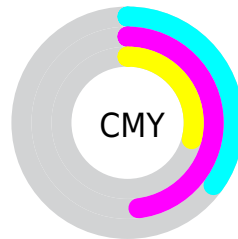


Cyan (9%)

Magenta (27%)

Yellow (0%)

Black (29%)



Cyan (35%)


Magenta (48%)


Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 30.064, 315.371 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, 30.064, 315.371 by changing the saturation by 10% instead.


 60, 30.064,
315.371


 60, 30.064,
315.371


 100, 30.064,
315.371


 50, 30.064,
315.371


 80, 30.064,
315.371

 40, 30.064,
315.371

 90, 30.064,
315.371


 30, 30.064,
315.371

 20, 30.064,
315.371

 10, 30.064,
315.371

 0, 30.064, 315.371

 60, 30.064,

 60, 30.064,

315.371

55, 41.468,
315.809

50, 52.749,
316.218

46, 63.599,
316.563

41, 73.578,
316.791

38, 82.119,
316.837

35, 88.610,
316.626

33, 92.696,
316.108

32, 93.765,
315.936

315.371

65, 18.727,
314.928

70, 7.583, 314.491

76, 3.304, 134.157

81, 13.899,
133.748

86, 24.189,
133.403

92, 34.174,
133.092

95, 40.778,
132.084

96, 39.816,
129.186

■ 96, 38.958,
126.100

Harmonies

Complementary

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



60, 30.064, 315.371



71, 29.355, 133.010

Rectangle

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



60, 30.064, 315.371



60, 30.064, 5.371



60, 30.064, 135.371



60, 30.064, 185.371

Sweetspot

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



60, 30.062, 315.371



89, 10.872, 314.544



62, 18.624, 273.812



47, 7.802, 314.610



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



60, 30.062, 315.371



73, 44.477, 315.618



61, 29.546, 330.458



36, 6.262, 314.597



27, 83.454, 316.060



2, 16.463, 310.416

Inverse Universe

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



61, 21.477, 355.583



74, 31.848, 356.326



70, 29.471, 146.926



36, 4.429, 353.596



32, 59.279, 15.953



2, 11.388, 359.248

Previews

White Background



This preview shows how the CIELCh color 60, 30.064, 315.371 looks on a white background.

Color Contrast Check

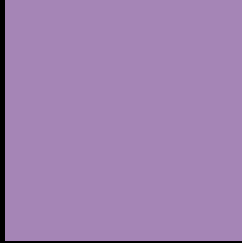
Large Text (above 18pt) WCAG AA ✓ Pass

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 60, 30.064, 315.371 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

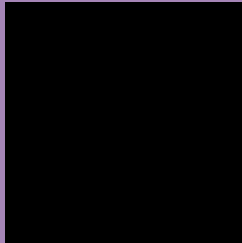
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 30.064, 315.371

Background



This preview shows how black text looks on a background with the CIELCh color 60, 30.064, 315.371.



This preview shows how white text looks on a background with the CIELCh color 60, 30.064, 315.371.

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, 30.064, 315.371

Protanopia
60, 26.122, 285.031

Deuteranopia
60, 21.477, 291.631



Tritanopia
60, 10.287, 343.426

Trichromacy



Original Color
60, 30.064, 315.371

Protanomaly
60, 26.709, 296.770

Deuteranomaly
60, 24.153, 301.966

Tritanomaly
60, 17.044, 325.258

Monochromacy



Original Color
60, 30.064, 315.371

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 10.496, 314.454

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 30.064, 315.371 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(165, 133, 182)` looks like.

```
.text, #text, p{  
    color:rgb(165, 133, 182)  
}
```

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(165, 133, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 133, 182) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 30.064, 315.371 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(165, 133, 182) }
```

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

```
.border{ border-color:rgb(165, 133, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 133, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 133, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 133, 182);  
box-shadow:4px 4px 4px 4px rgb(165, 133,  
182) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 30.064, 315.371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 133, 182) }
```

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

```
.background{ background-color: rgb(165,  
133, 182) }
```

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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