

Converting Colors

CIELCh(60, 45.980, 335.682)

Have a look what the booklet for
CIELCh(60, 45.980, 335.682)
contains.

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Color

CIELCh(60, 46.216, 335.676)

Conversions

Conversions Part 1

Format	Color
Hex	C974B3
RGB	201, 116, 179
RGB Percent	79%, 45%, 70%
CMY	0.2122, 0.5454, 0.2984
CMYK	0.00, 0.42, 0.11, 0.21
HSL	316°, 44%, 62%
HSV	316°, 42%, 79%
XYZ	38.4216, 28.1233, 46.0000
YIQ	148.5970, 30.4370, 37.6130

Conversions

Conversions Part 2

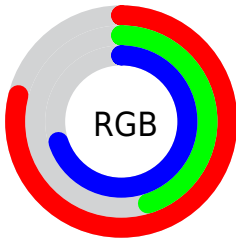
Format	Color
R _Y B	201, 116, 179
Decimal	13202611
CIE Lab	60.00, 42.11, -19.04
CIE LCh	60, 46.216, 335.676
Yxy	28.1233, 0.3414, 0.2499
Android (android.graphics.Color)	4291392691 (0xFFC974B3)
YUV	148.5970, 14.9887, 45.9574
Hunter-Lab	53.0314, 36.5193, -14.3067

Details

The CIELCh color $60, 46.216, 335.676$ is a light color, and the websafe version is hex $CC6699$. A complement of this color would be $74, 45.914, 149.012$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 45.251, 334.066$, and $40, 46.403, 335.630$ is the 20% darker color. If you saturate the color by 10%, you get $56, 56.095, 336.506$, and if you desaturate by 10%, it is $65, 35.586, 334.899$.

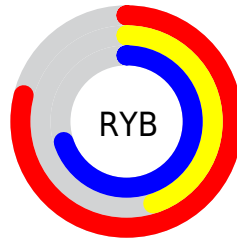
Distribution



Red (79%)

Green (45%)

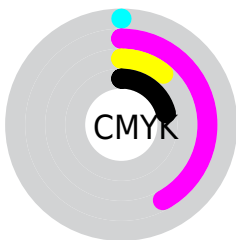
Blue (70%)



Red (79%)

Yellow (45%)

Blue (70%)

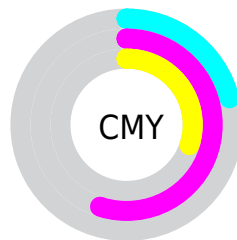


Cyan (0%)

Magenta (42%)

Yellow (11%)

Black (21%)



Cyan (21%)


Magenta (55%)

Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 46.216, 335.676 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, 46.216, 335.676 by changing the saturation by 10% instead.


 60, 46.216,
335.676


 60, 46.216,
335.676


 100, 46.216,
335.676


 50, 46.216,
335.676


 80, 46.216,
335.676

 40, 46.216,
335.676

 90, 46.216,
335.676

 30, 46.216,
335.676

 20, 46.216,
335.676

 10, 46.216,
335.676

 0, 46.216, 335.676

 60, 46.216,

 60, 46.216,

335.676

56, 56.095,
336.506

52, 64.755,
337.406

49, 71.674,
338.404

47, 76.400,
339.545

46, 78.705,
340.886

45, 79.192,
342.057

335.676

65, 35.586,
334.899

69, 24.591,
334.162

74, 13.505,
333.456

80, 2.514, 332.691

85, 8.268, 152.235

90, 18.772,
151.620

96, 28.044,
151.370

96, 26.078,
155.217

 96, 24.229,
159.644

Harmonies

Complementary

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



60, 46.216, 335.676



74, 45.914, 149.012

Rectangle

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



60, 46.216, 335.676



60, 46.216, 25.676



60, 46.216, 155.676



60, 46.216, 205.676

Sweetspot

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



60, 46.213, 335.676



92, 17.326, 333.518



54, 49.528, 303.335



48, 12.139, 333.674



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



60, 46.213, 335.676



70, 66.471, 336.456



59, 36.002, 4.852



39, 6.162, 333.252



36, 68.051, 341.793



4, 21.311, 338.141

Inverse Universe

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



60, 46.213, 335.676



70, 66.471, 336.456



75, 30.905, 175.232



39, 6.162, 333.252



36, 68.051, 341.793



4, 21.311, 338.141

Previews

White Background



This preview shows how the CIELCh color 60, 46.216, 335.676 looks on a white background.

Color Contrast Check

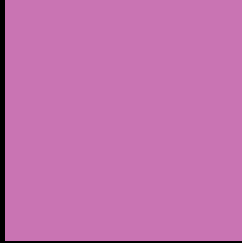
Large Text (above 18pt) WCAG AA ✓ Pass

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, 46.216, 335.676 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

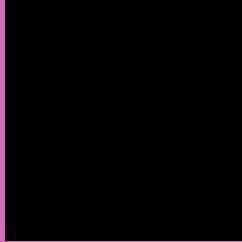
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 46.216, 335.676

Background



This preview shows how black text looks on a background with the CIELCh color 60, 46.216, 335.676.



This preview shows how white text looks on a background with the CIELCh color 60, 46.216, 335.676.

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, 46.216, 335.676

Protanopia

60, 31.758, 285.572

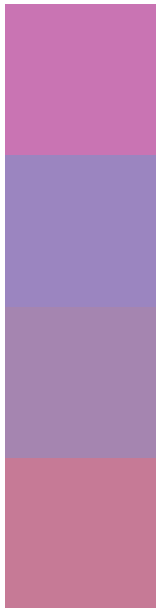
Deuteranopia

60, 18.145, 295.556



Tritanopia
60, 29.506, 13.098

Trichromacy



Original Color
60, 46.216, 335.676

Protanomaly
59, 34.398, 306.327

Deuteranomaly
60, 27.041, 318.151

Tritanomaly
60, 33.428, 355.742

Monochromacy



Original Color
60, 46.216, 335.676

Achromatopsia
62, 0.008, 296.813

Achromatomaly
61, 17.574, 333.842

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 46.216, 335.676 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(201, 116, 179)` looks like.

```
.text, #text, p{  
    color:rgb(201, 116, 179)  
}
```

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(201, 116, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 116, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 46.216, 335.676 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(201, 116, 179) }
```

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

```
.border{ border-color:rgb(201, 116, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 116, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 116, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 116, 179);  
box-shadow:4px 4px 4px 4px rgb(201, 116,  
179) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 46.216, 335.676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 116, 179) }
```

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

```
.background{ background-color: rgb(201,  
116, 179) }
```

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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