

Converting Colors

CIELCh(60, 47.017, 303.492)

Have a look what the booklet for
CIELCh(60, 47.017, 303.492)
contains.

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Color

CIELCh(60, 46.979, 303.533)

Conversions

Conversions Part 1

Format	Color
Hex	9A84D6
RGB	154, 132, 214
RGB Percent	60%, 52%, 84%
CMY	0.3971, 0.4833, 0.1618
CMYK	0.28, 0.38, 0.00, 0.16
HSL	256°, 50%, 68%
HSV	256°, 38%, 84%
XYZ	33.5999, 28.1233, 67.0977
YIQ	147.9260, -13.2100, 30.1660

Conversions

Conversions Part 2

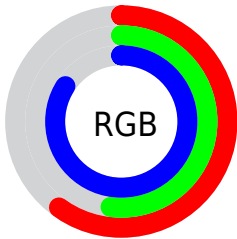
Format	Color
RYB	154, 132, 214
Decimal	10126550
CIELab	60.00, 25.95, -39.16
CIELCh	60, 46.979, 303.533
Yxy	28.1233, 0.2608, 0.2183
Android (android.graphics.Color)	4288316630 (0xFF9A84D6)
YUV	147.9260, 32.5745, 5.3269
Hunter-Lab	53.0314, 20.2897, -37.8943

Details

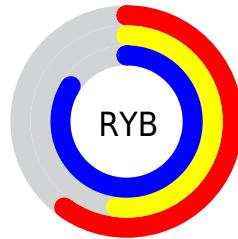
The CIELCh color $60, 46.979, 303.533$ is a light color, and the websafe version is hex $9999FF$. A complement of this color would be $82, 43.216, 118.270$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $79, 38.453, 305.602$, and $40, 47.242, 303.790$ is the 20% darker color. If you saturate the color by 10%, you get $53, 60.139, 304.515$, and if you desaturate by 10%, it is $67, 34.136, 302.633$.

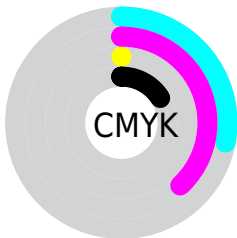
Distribution



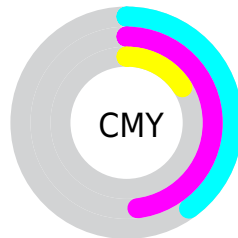
- Red (60%)
- Green (52%)
- Blue (84%)



- Red (60%)
- Yellow (52%)
- Blue (84%)



- Cyan (28%)
- Magenta (38%)
- Yellow (0%)
- Black (16%)





- Cyan (40%)
- Magenta (48%)
- Yellow (16%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 46.979, 303.533 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, 46.979, 303.533 by changing the saturation by 10% instead.


 60, 46.979,
303.533


 60, 46.979,
303.533


 100, 46.979,
303.533


 50, 46.979,
303.533


 80, 46.979,
303.533

 40, 46.979,
303.533

 90, 46.979,
303.533

 30, 46.979,
303.533

 20, 46.979,
303.533

 10, 46.979,
303.533

 0, 46.979, 303.533

 60, 46.979,

 60, 46.979,

303.533

53, 60.139,
304.515

47, 73.405,
305.541

41, 86.333,
306.536

36, 98.114,
307.369

32, 107.532,
307.855

29, 113.534,
307.857

29, 114.383,
307.857

303.533

67, 34.136,
302.633

73, 21.702,
301.828

80, 9.702, 301.119

87, 1.866, 120.526

93, 13.020,
119.974

99, 21.061,
116.049

99, 20.853,
108.599

Harmonies

Complementary

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



60, 46.979, 303.533



82, 43.216, 118.270

Rectangle

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



60, 46.979, 303.533



60, 46.979, 353.533



60, 46.979, 123.533



60, 46.979, 173.533

Sweetspot

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



60, 46.978, 303.533



91, 16.191, 301.375



74, 21.969, 231.020



47, 10.765, 301.468



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, 46.978, 303.533



65, 65.847, 304.324



64, 50.134, 319.460



41, 6.616, 301.190



22, 96.631, 307.986



2, 27.989, 300.713

Inverse Universe

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



65, 43.966, 335.770



73, 60.204, 336.438



80, 49.122, 135.767



42, 6.506, 333.623



38, 69.897, 342.499



6, 27.067, 339.326

Previews

White Background



This preview shows how the CIELCh color 60, 46.979, 303.533 looks on a white background.

Color Contrast Check

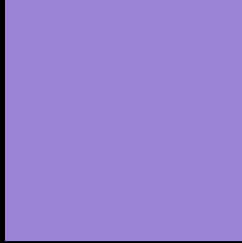
Large Text (above 18pt) WCAG AA ✓ Pass

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, 46.979, 303.533 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

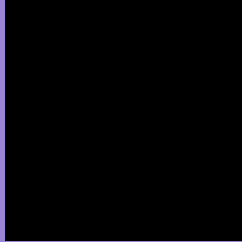
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 46.979, 303.533

Background



This preview shows how black text looks on a background with the CIELCh color 60, 46.979, 303.533.




This preview shows how white text looks on a background with the CIELCh color 60, 46.979, 303.533.

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, 6.250, 283.994

Trichromacy



Original Color
60, 46.979, 303.533

Protanomaly
60, 45.728, 292.122

Deuteranomaly
60, 40.659, 290.282

Tritanomaly
60, 20.538, 298.370

Monochromacy



Original Color
60, 46.979, 303.533

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 17.243, 301.686

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 46.979, 303.533 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(154, 132, 214)` looks like.

```
.text, #text, p{  
    color:rgb(154, 132, 214)  
}
```

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(154, 132, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 132, 214) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 46.979, 303.533 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(154, 132, 214) }
```

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

```
.border{ border-color:rgb(154, 132, 214) }
```

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

Here you see how a box with a 4 pixel rgb(154, 132, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 132, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 132, 214);  
box-shadow:4px 4px 4px 4px rgb(154, 132,  
214) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 46.979, 303.533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 132, 214) }
```

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

```
.background{ background-color: rgb(154,  
132, 214) }
```

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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