

Converting Colors

CIELCh(60, 28.051, 334.615)

Have a look what the booklet for
CIELCh(60, 28.051, 334.615)
contains.

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Color

CIELCh(60, 28.022, 334.604)

Conversions

Conversions Part 1

Format	Color
Hex	B381A6
RGB	179, 129, 166
RGB Percent	70%, 51%, 65%
CMY	0.2972, 0.4933, 0.3482
CMYK	0.00, 0.28, 0.07, 0.30
HSL	316°, 25%, 60%
HSV	316°, 28%, 70%
XYZ	33.4183, 28.1233, 39.8433
YIQ	148.1680, 17.9230, 22.1070

Conversions

Conversions Part 2

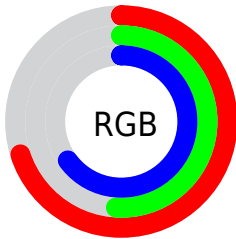
Format	Color
R_{YB}	179, 129, 166
Decimal	11764134
CIE Lab	60.00, 25.31, -12.02
CIE LCh	60, 28.022, 334.604
Yxy	28.1233, 0.3296, 0.2774
Android (android.graphics.Color)	4289954214 (0xFFB381A6)
YUV	148.1680, 8.7912, 27.0397
Hunter-Lab	53.0314, 19.6786, -7.4234

Details

The CIELCh color $60, 28.022, 334.604$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $69, 27.811, 150.586$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 28.140, 334.409$, and $40, 28.087, 335.030$ is the 20% darker color. If you saturate the color by 10%, you get $56, 37.889, 335.358$, and if you desaturate by 10%, it is $65, 17.945, 333.888$.

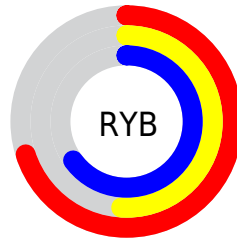
Distribution



Red (70%)

Green (51%)

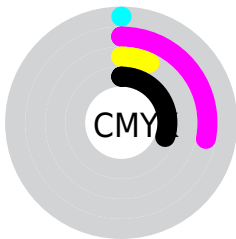
Blue (65%)



Red (70%)

Yellow (51%)

Blue (65%)

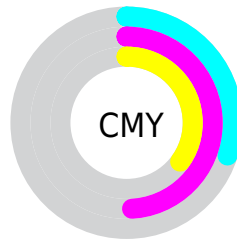


Cyan (0%)

Magenta (28%)

Yellow (7%)

Black (30%)



Cyan (30%)

Magenta (49%)

Yellow (35%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 28.022, 334.604 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, 28.022, 334.604 by changing the saturation by 10% instead.

 60, 28.022,
334.604


 60, 28.022,
334.604

 100, 28.022,
334.604

 50, 28.022,
334.604

 80, 28.022,
334.604


 40, 28.022,
334.604

 90, 28.022,
334.604

 30, 28.022,
334.604

 20, 28.022,
334.604

 10, 28.022,
334.604

 0, 28.022, 334.604

 60, 28.022,

 60, 28.022,

334.604

56, 37.889,
335.358

52, 47.258,
336.157

48, 55.737,
337.016

45, 62.872,
337.959

43, 68.210,
339.020

41, 71.427,
340.249

40, 72.606,
341.691

40, 72.772,
342.003

334.604

65, 17.945,
333.888

69, 7.874, 333.192

74, 2.058, 152.737


79, 11.769,
152.009

84, 21.215,
151.423

89, 30.377,
150.876

94, 39.253,
150.361

94, 37.649,
152.655

 94, 35.894,
155.221

Harmonies

Complementary

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



60, 28.022, 334.604



69, 27.811, 150.586

Rectangle

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



60, 28.022, 334.604



60, 28.022, 24.604



60, 28.022, 154.604



60, 28.022, 204.604

Sweetspot

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



60, 28.020, 334.605



87, 9.834, 333.209



57, 29.024, 301.947



46, 7.053, 333.313



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, 28.020, 334.605



73, 40.814, 335.025



59, 21.197, 2.537



35, 5.629, 333.291



34, 64.904, 341.786



2, 12.625, 336.659

Inverse Universe

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



60, 28.020, 334.605



73, 40.814, 335.025



69, 19.238, 176.874



35, 5.629, 333.291



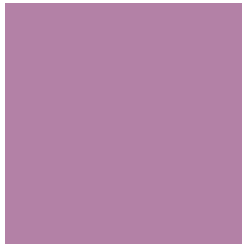
34, 64.904, 341.786



2, 12.625, 336.659

Previews

White Background



This preview shows how the CIELCh color 60, 28.022, 334.604 looks on a white background.

Color Contrast Check

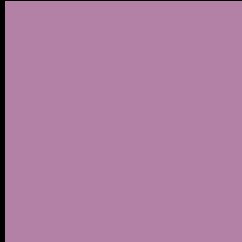
Large Text (above 18pt) WCAG AA ✓ Pass

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, 28.022, 334.604 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

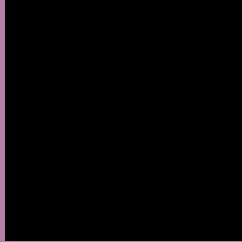
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 28.022, 334.604

Background



This preview shows how black text looks on a background with the CIELCh color 60, 28.022, 334.604.



This preview shows how white text looks on a background with the CIELCh color 60, 28.022, 334.604.

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, 28.022, 334.604

Protanopia

60, 18.135, 285.541

Deuteranopia

60, 13.482, 305.903



Tritanopia
60, 18.204, 1.650

Trichromacy



Original Color
60, 28.022, 334.604

Protanomaly
60, 19.432, 307.348

Deuteranomaly
60, 18.264, 321.257

Tritanomaly
60, 20.829, 349.158

Monochromacy



Original Color
60, 28.022, 334.604

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 10.533, 331.997

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 28.022, 334.604 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(179, 129, 166)` looks like.

```
.text, #text, p{  
    color:rgb(179, 129, 166)  
}
```

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(179, 129, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 129, 166) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 28.022, 334.604 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(179, 129, 166) }
```

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

```
.border{ border-color:rgb(179, 129, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 129, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(179, 129, 166); -webkit-box-shadow:4px 4px 4px 4px rgb(179, 129, 166); box-shadow:4px 4px 4px 4px rgb(179, 129, 166) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 28.022, 334.604 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 129, 166) }
```

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

```
.background{ background-color: rgb(179,  
129, 166) }
```

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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