

Converting Colors

CIELCh(60, 36.263, 325.582)

Have a look what the booklet for
CIELCh(60, 36.263, 325.582)
contains.

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Color

CIELCh(60, 35.889, 325.510)

Conversions

Conversions Part 1

Format	Color
Hex	B47FB5
RGB	180, 127, 181
RGB Percent	71%, 50%, 71%
CMY	0.2950, 0.5028, 0.2911
CMYK	0.01, 0.30, 0.00, 0.29
HSL	299°, 27%, 60%
HSV	299°, 30%, 71%
XYZ	34.6451, 28.1233, 47.1931
YIQ	149.0030, 14.2540, 28.0300

Conversions

Conversions Part 2

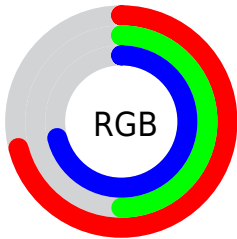
Format	Color
RYB	180, 127, 181
Decimal	11829173
CIELab	60.00, 29.58, -20.32
CIELCh	60, 35.889, 325.510
Yxy	28.1233, 0.3151, 0.2558
Android (android.graphics.Color)	4290019253 (0xFFB47FB5)
YUV	149.0030, 15.7745, 27.1844
Hunter-Lab	53.0314, 23.8079, -15.6406

Details

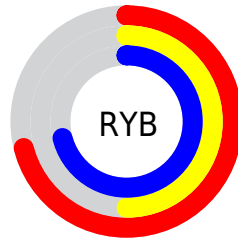
The CIELCh color **60, 35.889, 325.510** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **69, 35.855, 141.949**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **80, 36.068, 325.260**, and **40, 35.721, 325.341** is the 20% darker color. If you saturate the color by 10%, you get **56, 47.549, 326.003**, and if you desaturate by 10%, it is **64, 23.889, 324.989**.

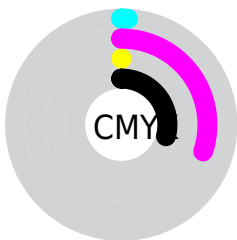
Distribution



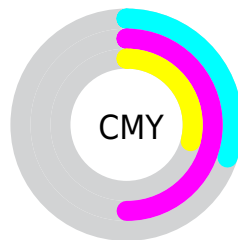
- Red (71%)
- Green (50%)
- Blue (71%)



- Red (71%)
- Yellow (50%)
- Blue (71%)



- Cyan (1%)
- Magenta (30%)
- Yellow (0%)
- Black (29%)





- Cyan (30%)
- Magenta (50%)
- Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 35.889, 325.510 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, 35.889, 325.510 by changing the saturation by 10% instead.


 60, 35.889,
325.510


 60, 35.889,
325.510


 100, 35.889,
325.510


 50, 35.889,
325.510


 80, 35.889,
325.510

 40, 35.889,
325.510

 90, 35.889,
325.510

 30, 35.889,
325.510

 20, 35.889,
325.510

 10, 35.889,
325.510

 0, 35.889, 325.510

 60, 35.889,

 60, 35.889,

325.510

56, 47.549,
326.003

52, 58.527,
326.453

49, 68.394,
326.840

46, 76.688,
327.148

44, 82.996,
327.361

43, 87.082,
327.473

42, 89.304,
327.501

42, 89.332,
327.502

325.510

64, 23.889,
324.989

69, 11.815,
324.451

74, 0.153, 145.480


78, 11.898,
143.445

83, 23.348,
142.936

88, 34.467,
142.455

93, 45.238,
142.000

94, 46.161,
141.862

 94, 46.094,
141.754

Harmonies

Complementary

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



60, 35.889, 325.510



69, 35.855, 141.949

Rectangle

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



60, 35.889, 325.510



60, 35.889, 15.510



60, 35.889, 145.510



60, 35.889, 195.510

Sweetspot

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



60, 35.887, 325.510



88, 13.318, 324.411



55, 29.954, 292.520



46, 9.255, 324.490



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, 35.887, 325.510



73, 53.247, 325.847



59, 26.316, 344.532



35, 6.712, 324.420



36, 78.989, 327.511



3, 16.114, 323.680

Inverse Universe

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



58, 22.482, 20.441



71, 34.280, 21.351



69, 25.523, 159.220



35, 3.910, 18.410



31, 70.237, 38.784



2, 9.160, 18.212

Previews

White Background



This preview shows how the CIELCh color 60, 35.889, 325.510 looks on a white background.

Color Contrast Check

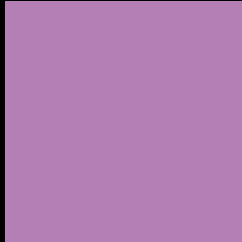
Large Text (above 18pt) WCAG AA ✓ Pass

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, 35.889, 325.510 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

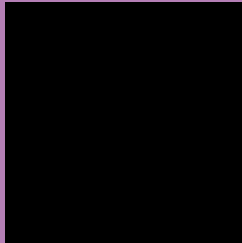
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 35.889, 325.510

Background



This preview shows how black text looks on a background with the CIELCh color 60, 35.889, 325.510.

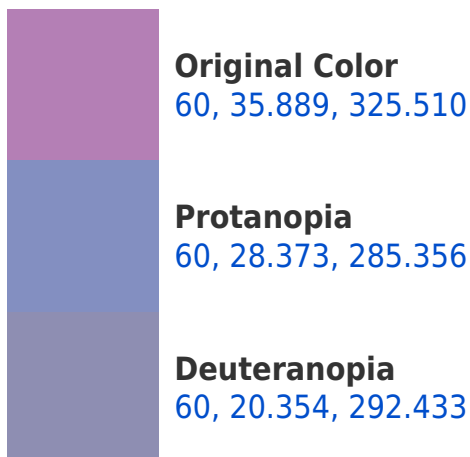


This preview shows how white text looks on a background with the CIELCh color 60, 35.889, 325.510.

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, 17.271, 2.390

Trichromacy



Original Color
60, 35.889, 325.510

Protanomaly
60, 29.820, 301.266

Deuteranomaly
60, 25.478, 309.019

Tritanomaly
60, 22.947, 342.449

Monochromacy



Original Color
60, 35.889, 325.510

Achromatopsia
62, 0.008, 296.813

Achromatomaly
61, 13.428, 323.711

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 35.889, 325.510 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(180, 127, 181)` looks like.

```
.text, #text, p{  
    color:rgb(180, 127, 181)  
}
```

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(180, 127, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 127, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 35.889, 325.510 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(180, 127, 181) }
```

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

```
.border{ border-color:rgb(180, 127, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 127, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 127, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 127, 181);  
box-shadow:4px 4px 4px 4px rgb(180, 127,  
181) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 35.889, 325.510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 127, 181) }
```

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

```
.background{ background-color: rgb(180,  
127, 181) }
```

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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