

Converting Colors

CIELCh(61, 33.946, 323.992)

Have a look what the booklet for
CIELCh(61, 33.946, 323.992)
contains.

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Color

CIELCh(61, 33.976, 323.748)

Conversions

Conversions Part 1

Format	Color
Hex	B383B7
RGB	179, 131, 183
RGB Percent	70%, 51%, 72%
CMY	0.2979, 0.4861, 0.2822
CMYK	0.02, 0.28, 0.00, 0.28
HSL	295°, 27%, 62%
HSV	295°, 28%, 72%
XYZ	35.2683, 29.2481, 48.6033
YIQ	151.2800, 11.9160, 26.3480

Conversions

Conversions Part 2

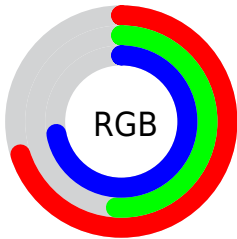
Format	Color
RYB	179, 131, 183
Decimal	11764663
CIELab	61.00, 27.40, -20.09
CIELCh	61, 33.976, 323.748
Yxy	29.2481, 0.3118, 0.2586
Android (android.graphics.Color)	4289954743 (0xFFB383B7)
YUV	151.2800, 15.6380, 24.3104
Hunter-Lab	54.0815, 21.7627, -15.4271

Details

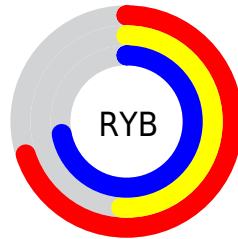
The CIELCh color $61, 33.976, 323.748$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $70, 33.827, 140.632$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 33.580, 323.567$, and $41, 33.788, 323.383$ is the 20% darker color. If you saturate the color by 10%, you get $57, 45.734, 324.212$, and if you desaturate by 10%, it is $66, 21.982, 323.258$.

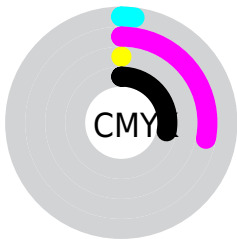
Distribution



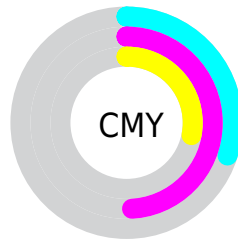
- Red (70%)
- Green (51%)
- Blue (72%)



- Red (70%)
- Yellow (51%)
- Blue (72%)



- Cyan (2%)
- Magenta (28%)
- Yellow (0%)
- Black (28%)





- Cyan (30%)
- Magenta (49%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 33.976, 323.748 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 61, 33.976, 323.748 by changing the saturation by 10% instead.


 61, 33.976,
323.748


 61, 33.976,
323.748


 100, 33.976,
323.748


 51, 33.976,
323.748


 81, 33.976,
323.748

 41, 33.976,
323.748

 91, 33.976,
323.748

 31, 33.976,
323.748

 21, 33.976,
323.748

 11, 33.976,
323.748

 1, 33.976, 323.748

 0, 33.976, 323.748

61, 33.976,
323.748

61, 33.976,
323.748

57, 45.734,
324.212

66, 21.982,
323.258

53, 56.944,
324.632

70, 9.985, 322.751

49, 67.193,
324.983

75, 1.862, 142.403

46, 76.006,
325.241

80, 13.464,
141.822

44, 82.917,
325.381

85, 24.765,
141.357

42, 87.595,
325.385

90, 35.739,
140.921

41, 90.160,
325.259

94, 43.927,
140.490

41, 90.509,

94, 43.653,
139.991

325.236

 94, 43.381,
139.482

Harmonies

Complementary

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



61, 33.976, 323.748



70, 33.827, 140.632

Rectangle

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



61, 33.976, 323.748



61, 33.976, 13.748



61, 33.976, 143.748



61, 33.976, 193.748

Sweetspot

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



61, 33.974, 323.748



88, 13.197, 322.789



58, 27.153, 290.198



47, 9.254, 322.864



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



61, 33.974, 323.748



74, 50.093, 324.038



61, 26.102, 341.757



36, 6.748, 322.799



35, 80.255, 325.272



3, 18.125, 321.476

Inverse Universe

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



60, 21.406, 15.765



73, 32.213, 16.626



70, 25.530, 156.980



36, 4.018, 13.696



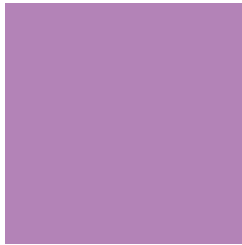
32, 68.997, 36.390



2, 10.685, 14.734

Previews

White Background



This preview shows how the CIELCh color 61, 33.976, 323.748 looks on a white background.

Color Contrast Check

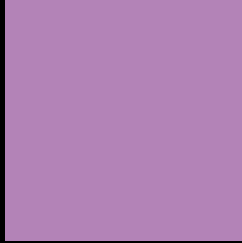
Large Text (above 18pt) WCAG AA ✓ Pass

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 61, 33.976, 323.748 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

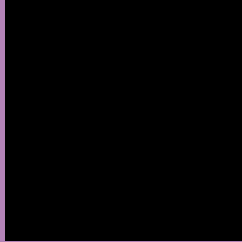
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 33.976, 323.748

Background



This preview shows how black text looks on a background with the CIELCh color 61, 33.976, 323.748.



This preview shows how white text looks on a background with the CIELCh color 61, 33.976, 323.748.

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


61, 33.976, 323.748

Protanopia

61, 27.132, 285.448

Deuteranopia

61, 20.311, 293.389



Tritanopia
61, 15.290, 359.602

Trichromacy



Original Color
61, 33.976, 323.748

Protanomaly
61, 27.925, 300.193

Deuteranomaly
61, 24.664, 307.731

Tritanomaly
61, 21.419, 338.827

Monochromacy



Original Color
61, 33.976, 323.748

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 12.514, 322.102

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 33.976, 323.748 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, 131, 183)` looks like.

```
.text, #text, p{  
    color:rgb(179, 131, 183)  
}
```

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, 131, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 131, 183) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 33.976, 323.748 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, 131, 183) }
```

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

```
.border{ border-color:rgb(179, 131, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 131, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 131, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 131, 183);  
box-shadow:4px 4px 4px 4px rgb(179, 131,  
183) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 33.976, 323.748 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 131, 183) }
```

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

```
.background{ background-color: rgb(179,  
131, 183) }
```

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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