

Converting Colors

CIELCh(60, 33.920, 325.961)

Have a look what the booklet for
CIELCh(60, 33.920, 325.961)
contains.

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Color

CIELCh(60, 33.521, 325.945)

Conversions

Conversions Part 1

Format	Color
Hex	B280B2
RGB	178, 128, 178
RGB Percent	70%, 50%, 70%
CMY	0.3019, 0.4980, 0.3019
CMYK	0.00, 0.28, 0.00, 0.30
HSL	300°, 25%, 60%
HSV	300°, 28%, 70%
XYZ	34.1215, 28.1233, 45.7569
YIQ	148.6500, 13.7500, 26.1500

Conversions

Conversions Part 2

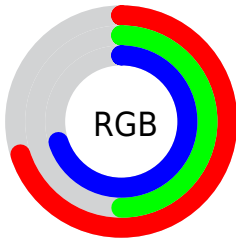
Format	Color
RYB	178, 128, 178
Decimal	11698354
CIELab	60.00, 27.77, -18.77
CIELCh	60, 33.521, 325.945
Yxy	28.1233, 0.3159, 0.2604
Android (android.graphics.Color)	4289888434 (0xFFB280B2)
YUV	148.6500, 14.4695, 25.7399
Hunter-Lab	53.0314, 22.0455, -14.0349

Details

The CIELCh color $60, 33.521, 325.945$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $68, 33.516, 142.539$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 33.787, 325.678$, and $40, 33.441, 326.376$ is the 20% darker color. If you saturate the color by 10%, you get $56, 45.150, 326.457$, and if you desaturate by 10%, it is $64, 21.590, 325.409$.

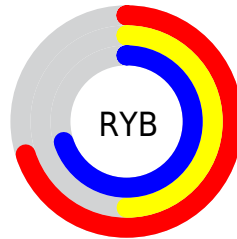
Distribution



Red (70%)

Green (50%)

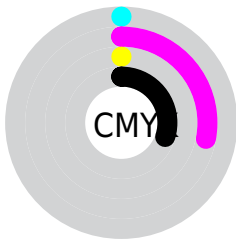
Blue (70%)



Red (70%)

Yellow (50%)

Blue (70%)

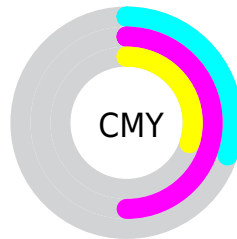


Cyan (0%)

Magenta (28%)

Yellow (0%)

Black (30%)



Cyan (30%)


Magenta (50%)


Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 33.521, 325.945 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, 33.521, 325.945 by changing the saturation by 10% instead.


 60, 33.521,
325.945


 60, 33.521,
325.945


 100, 33.521,
325.945


 50, 33.521,
325.945


 80, 33.521,
325.945

 40, 33.521,
325.945

 90, 33.521,
325.945

 30, 33.521,
325.945

 20, 33.521,
325.945

 10, 33.521,
325.945

 0, 33.521, 325.945

 60, 33.521,

 60, 33.521,

325.945

56, 45.150,
326.457

52, 56.148,
326.929

49, 66.102,
327.346

46, 74.560,
327.691

44, 81.111,
327.953

43, 85.496,
328.126

42, 87.869,
328.218

42, 88.250,
328.233

325.945

64, 21.590,
325.409

69, 9.611, 324.854

73, 2.246, 144.446

78, 13.868,
143.830

83, 25.189,
143.313

88, 36.175,
142.823

93, 46.812,
142.360

94, 48.203,
142.301

■ 94, 48.203,
142.301

Harmonies

Complementary

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



60, 33.521, 325.945



68, 33.516, 142.539

Rectangle

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



60, 33.521, 325.945



60, 33.521, 15.945



60, 33.521, 145.945



60, 33.521, 195.945

Sweetspot

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



60, 33.519, 325.945



87, 11.795, 324.857



55, 28.733, 293.529



46, 8.457, 324.942



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, 33.519, 325.945



73, 50.158, 326.281



59, 23.931, 346.196



35, 6.751, 324.925



36, 78.927, 328.233



3, 16.262, 324.439

Inverse Universe

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



60, 33.519, 325.945



73, 50.158, 326.281



69, 23.123, 161.110



35, 6.751, 324.925



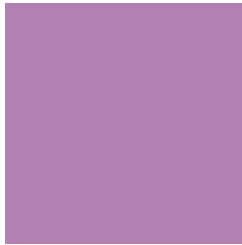
36, 78.927, 328.233



3, 16.262, 324.439

Previews

White Background



This preview shows how the CIELCh color 60, 33.521, 325.945 looks on a white background.

Color Contrast Check

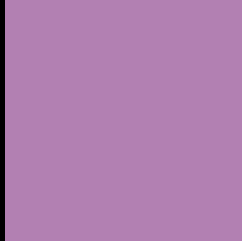
Large Text (above 18pt) WCAG AA ✓ Pass

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, 33.521, 325.945 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, 33.521, 325.945

Background



This preview shows how black text looks on a background with the CIELCh color 60, 33.521, 325.945.



This preview shows how white text looks on a background with the CIELCh color 60, 33.521, 325.945.

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, 16.667, 359.521

Trichromacy



Original Color
60, 33.521, 325.945

Protanomaly
60, 26.961, 301.187

Deuteranomaly
60, 23.208, 309.665

Tritanomaly
60, 21.713, 341.491

Monochromacy



Original Color
60, 33.521, 325.945

Achromatopsia
62, 0.008, 296.813

Achromatomaly
61, 12.964, 325.062

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 33.521, 325.945 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(178, 128, 178)` looks like.

```
.text, #text, p{  
    color:rgb(178, 128, 178)  
}
```

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(178, 128, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 128, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 33.521, 325.945 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(178, 128, 178) }
```

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

```
.border{ border-color:rgb(178, 128, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 128, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 128, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 128, 178);  
box-shadow:4px 4px 4px 4px rgb(178, 128,  
178) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 33.521, 325.945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 128, 178) }
```

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

```
.background{ background-color: rgb(178,  
128, 178) }
```

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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