

Converting Colors

CIELCh(63, 26.254, 325.613)

Have a look what the booklet for
CIELCh(63, 26.254, 325.613)
contains.

CIELCh(63, 26.140, 325.610)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(63, 26.140, 325.610)

Conversions

Conversions Part 1

Format	Color
Hex	B38CB3
RGB	179, 140, 179
RGB Percent	70%, 55%, 70%
CMY	0.2981, 0.4510, 0.2981
CMYK	0.00, 0.22, 0.00, 0.30
HSL	300°, 20%, 63%
HSV	300°, 22%, 70%
XYZ	36.0971, 31.5869, 46.8332
YIQ	156.1070, 10.7250, 20.3970

Conversions

Conversions Part 2

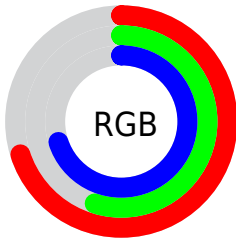
Format	Color
R_{YB}	179, 140, 179
Decimal	11766963
CIE _{Lab}	63.00, 21.57, -14.76
CIE _{LCh}	63, 26.140, 325.610
Yxy	31.5869, 0.3152, 0.2758
Android (android.graphics.Color)	4289957043 (0xFFB38CB3)
YUV	156.1070, 11.2862, 20.0772
Hunter-Lab	56.2022, 16.2914, -10.0647

Details

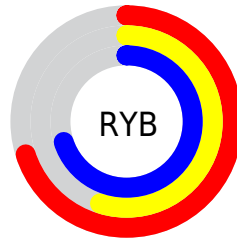
The CIELCh color $63, 26.140, 325.610$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $69, 26.122, 143.045$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 26.099, 325.391$, and $43, 25.711, 325.927$ is the 20% darker color. If you saturate the color by 10%, you get $59, 38.042, 326.139$, and if you desaturate by 10%, it is $67, 14.100, 325.063$.

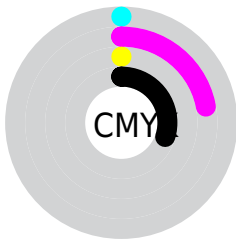
Distribution



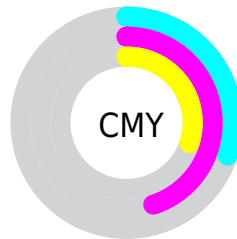
- Red (70%)
- Green (55%)
- Blue (70%)



- Red (70%)
- Yellow (55%)
- Blue (70%)



- Cyan (0%)
- Magenta (22%)
- Yellow (0%)
- Black (30%)





- Cyan (30%)
- Magenta (45%)
- Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 26.140, 325.610 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 63, 26.140, 325.610 by changing the saturation by 10% instead.


 63, 26.140,
325.610


 63, 26.140,
325.610


 100, 26.140,
325.610


 53, 26.140,
325.610


 83, 26.140,
325.610

 43, 26.140,
325.610

 93, 26.140,
325.610

 33, 26.140,
325.610

 23, 26.140,
325.610

 13, 26.140,
325.610

 3, 26.140, 325.610

 0, 26.140, 325.610

63, 26.140,
325.610

63, 26.140,
325.610

59, 38.042,
326.139

67, 14.100,
325.063

55, 49.532,
326.638

72, 2.130, 324.427

77, 9.641, 144.031

51, 60.241,
327.091

82, 21.129,
143.501

48, 69.733,
327.484

87, 32.291,
143.001

46, 77.557,
327.799

91, 43.105,
142.528

44, 83.343,
328.028


94, 47.603,
142.334

43, 86.921,
328.168

94, 47.603,
142.335

43, 88.606,

328.233

 94, 47.603,
142.335

Harmonies

Complementary

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



63, 26.140, 325.610



69, 26.122, 143.045

Rectangle

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



63, 26.140, 325.610



63, 26.140, 15.610



63, 26.140, 145.610



63, 26.140, 195.610

Sweetspot

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



63, 26.138, 325.610



88, 10.314, 324.799



60, 22.097, 292.641



47, 6.758, 324.833



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



63, 26.138, 325.610



78, 38.507, 325.859



62, 18.573, 345.548



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.



63, 26.138, 325.610



78, 38.507, 325.859



70, 18.080, 161.755



35, 6.751, 324.925



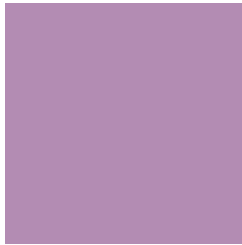
36, 78.927, 328.233



3, 16.262, 324.439

Previews

White Background



This preview shows how the CIELCh color 63, 26.140, 325.610 looks on a white background.

Color Contrast Check

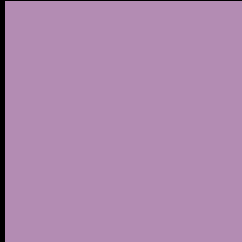
Large Text (above 18pt) WCAG AA × Fail

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 63, 26.140, 325.610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

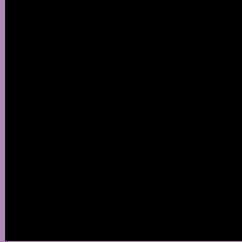
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 26.140, 325.610

Background



This preview shows how black text looks on a background with the CIELCh color 63, 26.140, 325.610.



This preview shows how white text looks on a background with the CIELCh color 63, 26.140, 325.610.

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

63, 26.140, 325.610

Protanopia

63, 20.197, 286.464

Deuteranopia

63, 15.934, 300.969



Tritanopia
63, 13.917, 354.752

Trichromacy



Original Color
63, 26.140, 325.610

Protanomaly
63, 21.115, 302.020

Deuteranomaly
63, 19.174, 311.996

Tritanomaly
63, 17.511, 339.260

Monochromacy



Original Color
63, 26.140, 325.610

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 9.492, 324.877

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 26.140, 325.610 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, 140, 179)` looks like.

```
.text, #text, p{  
    color:rgb(179, 140, 179)  
}
```

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, 140, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 140, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 26.140, 325.610 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, 140, 179) }
```

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

```
.border{ border-color:rgb(179, 140, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 140, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 140, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 140, 179);  
box-shadow:4px 4px 4px 4px rgb(179, 140,  
179) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 26.140, 325.610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 140, 179) }
```

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

```
.background{ background-color: rgb(179,  
140, 179) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor