

Converting Colors

CIELCh(65, 42.324, 323.274)

Have a look what the booklet for
CIELCh(65, 42.324, 323.274)
contains.

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Color

CIELCh(65, 42.109, 323.540)

Conversions

Conversions Part 1

Format	Color
Hex	C589CB
RGB	197, 137, 203
RGB Percent	77%, 54%, 80%
CMY	0.2277, 0.4629, 0.2041
CMYK	0.03, 0.33, 0.00, 0.20
HSL	295°, 39%, 67%
HSV	295°, 33%, 80%
XYZ	42.7210, 34.0472, 60.7833
YIQ	162.4640, 14.5740, 33.2460

Conversions

Conversions Part 2

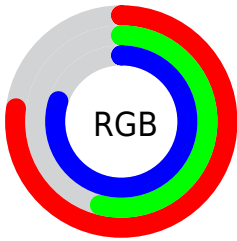
Format	Color
R_{YB}	197, 137, 203
Decimal	12945867
CIE _{Lab}	65.00, 33.87, -25.02
CIE _{LCh}	65, 42.109, 323.540
Yxy	34.0472, 0.3106, 0.2475
Android (android.graphics.Color)	4291135947 (0xFFC589CB)
YUV	162.4640, 19.9842, 30.2881
Hunter-Lab	58.3500, 28.5767, -20.9176

Details

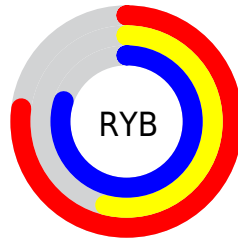
The CIELCh color $65, 42.109, 323.540$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $76, 41.876, 139.953$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 39.957, 325.375$, and $45, 42.142, 323.323$ is the 20% darker color. If you saturate the color by 10%, you get $60, 54.672, 323.983$, and if you desaturate by 10%, it is $70, 29.168, 323.063$.

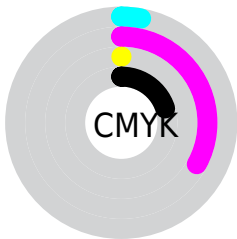
Distribution



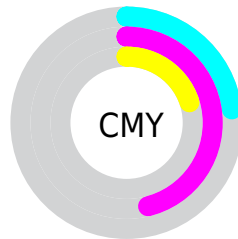
- Red (77%)
- Green (54%)
- Blue (80%)



- Red (77%)
- Yellow (54%)
- Blue (80%)



- Cyan (3%)
- Magenta (33%)
- Yellow (0%)
- Black (20%)





- Cyan (23%)
- Magenta (46%)
- Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 42.109, 323.540 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 65, 42.109, 323.540 by changing the saturation by 10% instead.


 65, 42.109,
323.540


 65, 42.109,
323.540


 100, 42.109,
323.540


 55, 42.109,
323.540


 85, 42.109,
323.540

 45, 42.109,
323.540

 95, 42.109,
323.540

 35, 42.109,
323.540

 25, 42.109,
323.540

 15, 42.109,
323.540

 5, 42.109, 323.540

 0, 42.109, 323.540

65, 42.109,
323.540

65, 42.109,
323.540

60, 54.672,
323.983

70, 29.168,
323.063

56, 66.471,
324.370

75, 16.143,
322.567

53, 77.018,
324.674

80, 3.228, 322.018

50, 85.772,
324.867

86, 9.453, 141.639

47, 92.258,
324.925

91, 21.825,
141.164


46, 96.218,
324.829

96, 31.609,
140.630

45, 97.878,
324.679

96, 31.252,
139.675

96, 30.902,
138.694

 96, 30.561,
137.684

Harmonies

Complementary

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



65, 42.109, 323.540



76, 41.876, 139.953

Rectangle

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



65, 42.109, 323.540



65, 42.109, 13.540



65, 42.109, 143.540



65, 42.109, 193.540

Sweetspot

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



65, 42.107, 323.540



94, 15.498, 322.446



61, 33.444, 290.160



49, 10.584, 322.518



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



65, 42.107, 323.540



76, 60.535, 323.855



65, 32.851, 341.330



40, 7.331, 322.409



37, 84.198, 324.728



4, 28.124, 323.972

Inverse Universe

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



64, 26.990, 15.286



75, 39.711, 16.401



76, 32.122, 155.768



40, 4.393, 12.586



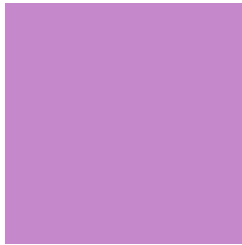
34, 71.909, 35.936



4, 17.984, 14.933

Previews

White Background



This preview shows how the CIELCh color 65, 42.109, 323.540 looks on a white background.

Color Contrast Check

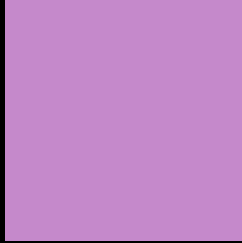
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 65, 42.109, 323.540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

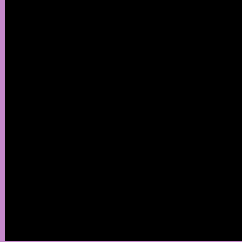
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 42.109, 323.540

Background



This preview shows how black text looks on a background with the CIELCh color 65, 42.109, 323.540.

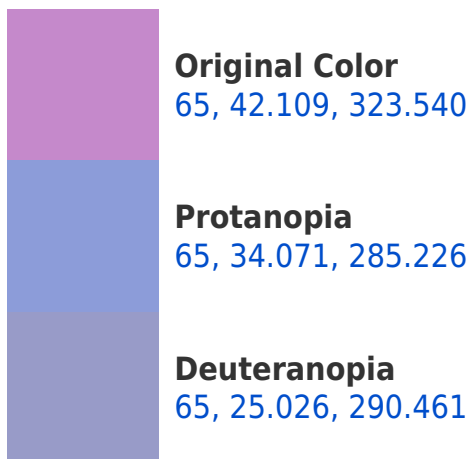



This preview shows how white text looks on a background with the CIELCh color 65, 42.109, 323.540.

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
65, 18.664, 2.386

Trichromacy



Original Color
65, 42.109, 323.540

Protanomaly
65, 35.420, 300.137

Deuteranomaly
65, 30.455, 306.189

Tritanomaly
65, 25.452, 339.732

Monochromacy



Original Color
65, 42.109, 323.540

Achromatopsia
67, 0.008, 296.813

Achromatomaly
66, 15.688, 322.830

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 42.109, 323.540 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(197, 137, 203)` looks like.

```
.text, #text, p{  
    color:rgb(197, 137, 203)  
}
```

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(197, 137, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 137, 203) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 42.109, 323.540 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(197, 137, 203) }
```

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

```
.border{ border-color:rgb(197, 137, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 137, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 137, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 137, 203);  
box-shadow:4px 4px 4px 4px rgb(197, 137,  
203) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 42.109, 323.540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 137, 203) }
```

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

```
.background{ background-color: rgb(197,  
137, 203) }
```

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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