

Converting Colors

CIELCh(65, 38.680, 326.508)

Have a look what the booklet for
CIELCh(65, 38.680, 326.508)
contains.

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Color

CIELCh(65, 38.347, 326.523)

Conversions

Conversions Part 1

Format	Color
Hex	C58AC4
RGB	197, 138, 196
RGB Percent	77%, 54%, 77%
CMY	0.2273, 0.4587, 0.2312
CMYK	0.00, 0.30, 0.01, 0.23
HSL	301°, 34%, 66%
HSV	301°, 30%, 77%
XYZ	42.0945, 34.0472, 56.5964
YIQ	162.2530, 16.5460, 30.5460

Conversions

Conversions Part 2

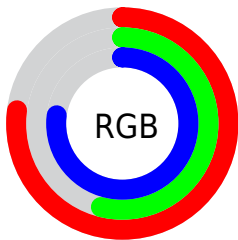
Format	Color
RYB	197, 138, 196
Decimal	12946116
CIELab	65.00, 31.99, -21.15
CIELCh	65, 38.347, 326.523
Yxy	34.0472, 0.3171, 0.2565
Android (android.graphics.Color)	4291136196 (0xFFC58AC4)
YUV	162.2530, 16.6373, 30.4731
Hunter-Lab	58.3500, 26.6601, -16.6632

Details

The CIELCh color $65, 38.347, 326.523$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $74, 38.348, 142.807$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 38.492, 326.221$, and $45, 38.182, 326.454$ is the 20% darker color. If you saturate the color by 10%, you get $61, 50.728, 327.042$, and if you desaturate by 10%, it is $70, 25.573, 325.980$.

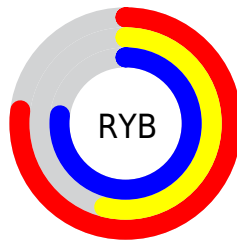
Distribution



Red (77%)

Green (54%)

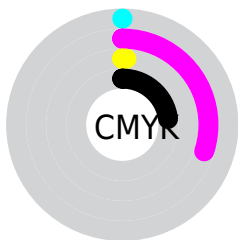
Blue (77%)



Red (77%)

Yellow (54%)

Blue (77%)

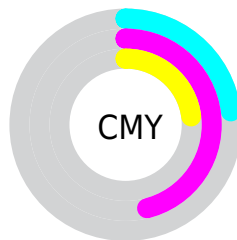


Cyan (0%)

Magenta (30%)

Yellow (1%)

Black (23%)



Cyan (23%)


Magenta (46%)


Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 38.347, 326.523 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, 38.347, 326.523 by changing the saturation by 10% instead.


 65, 38.347,
326.523


 65, 38.347,
326.523


 100, 38.347,
326.523


 55, 38.347,
326.523


 85, 38.347,
326.523

 45, 38.347,
326.523

 95, 38.347,
326.523

 35, 38.347,
326.523

 25, 38.347,
326.523

 15, 38.347,
326.523

 5, 38.347, 326.523

 0, 38.347, 326.523

65, 38.347,
326.523

65, 38.347,
326.523

61, 50.728,
327.042

70, 25.573,
325.980

57, 62.338,
327.522

75, 12.703,
325.420

53, 72.709,
327.948

80, 0.063, 148.995

51, 81.341,
328.306

85, 12.594,
144.377

49, 87.804,
328.586

90, 24.809,
143.848

47, 91.869,
328.785

95, 35.915,
143.389


47, 93.904,
328.920

95, 35.774,
143.543

47, 93.914,

95, 35.634,
143.699

328.920

 95, 35.493,
143.855

Harmonies

Complementary

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



65, 38.347, 326.523



74, 38.348, 142.807

Rectangle

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



65, 38.347, 326.523



65, 38.347, 16.523



65, 38.347, 146.523



65, 38.347, 196.523

Sweetspot

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



65, 38.345, 326.523



94, 14.169, 325.374



60, 33.421, 294.384



50, 9.854, 325.458



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, 38.345, 326.523



79, 56.577, 326.870



64, 27.460, 347.381



39, 7.298, 325.388



38, 81.679, 328.911



4, 26.359, 327.573

Inverse Universe

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



65, 38.345, 326.523



79, 56.577, 326.870



75, 26.385, 161.767



39, 7.298, 325.388



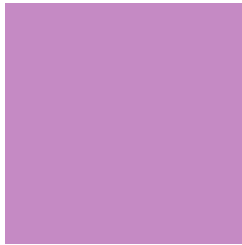
38, 81.679, 328.911



4, 26.359, 327.573

Previews

White Background



This preview shows how the CIELCh color 65, 38.347, 326.523 looks on a white background.

Color Contrast Check

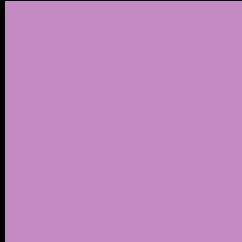
Large Text (above 18pt) WCAG AA × Fail

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, 38.347, 326.523 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

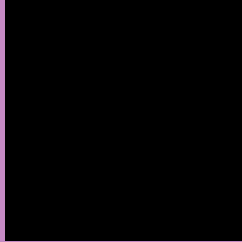
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 38.347, 326.523

Background



This preview shows how black text looks on a background with the CIELCh color 65, 38.347, 326.523.

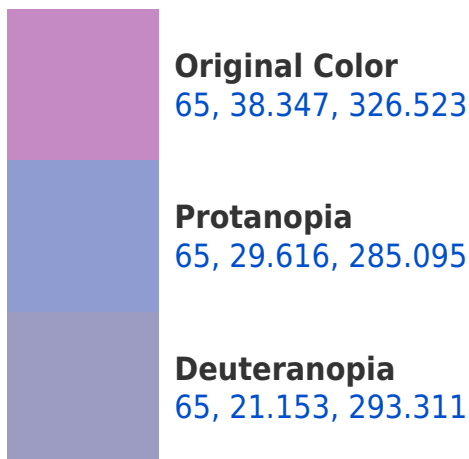


This preview shows how white text looks on a background with the CIELCh color 65, 38.347, 326.523.

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, 19.043, 2.828

Trichromacy



Original Color
65, 38.347, 326.523

Protanomaly
65, 31.133, 302.042

Deuteranomaly
65, 26.347, 309.785

Tritanomaly
65, 24.754, 343.342

Monochromacy



Original Color
65, 38.347, 326.523

Achromatopsia
67, 0.008, 296.813

Achromatomaly
66, 14.321, 326.357

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 38.347, 326.523 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, 138, 196)` looks like.

```
.text, #text, p{  
    color:rgb(197, 138, 196)  
}
```

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, 138, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 138, 196) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 38.347, 326.523 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, 138, 196) }
```

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

```
.border{ border-color:rgb(197, 138, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 138, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 138, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 138, 196);  
box-shadow:4px 4px 4px 4px rgb(197, 138,  
196) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 38.347, 326.523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 138, 196) }
```

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

```
.background{ background-color: rgb(197,  
138, 196) }
```

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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