

Converting Colors

CIELCh(65, 40.927, 315.916)

Have a look what the booklet for
CIELCh(65, 40.927, 315.916)
contains.

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Color

CIELCh(65, 40.887, 315.910)

Conversions

Conversions Part 1

Format	Color
Hex	BA8DD1
RGB	186, 141, 209
RGB Percent	73%, 55%, 82%
CMY	0.2710, 0.4474, 0.1808
CMYK	0.11, 0.33, 0.00, 0.18
HSL	280°, 42%, 69%
HSV	280°, 33%, 82%
XYZ	41.2328, 34.0472, 64.6551
YIQ	162.2070, 4.9920, 30.6880

Conversions

Conversions Part 2

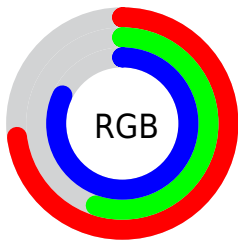
Format	Color
RYB	186, 141, 209
Decimal	12226001
CIELab	65.00, 29.37, -28.45
CIElCh	65, 40.887, 315.910
Yxy	34.0472, 0.2947, 0.2433
Android (android.graphics.Color)	4290416081 (0xFFBA8DD1)
YUV	162.2070, 23.0689, 20.8665
Hunter-Lab	58.3500, 24.0240, -24.8518

Details

The CIELCh color $65, 40.887, 315.910$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $79, 39.747, 132.980$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 35.670, 319.862$, and $45, 40.801, 316.083$ is the 20% darker color. If you saturate the color by 10%, you get $60, 53.600, 316.335$, and if you desaturate by 10%, it is $71, 28.120, 315.466$.

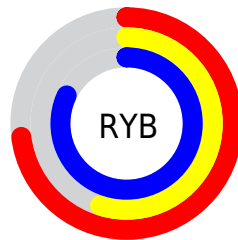
Distribution



Red (73%)

Green (55%)

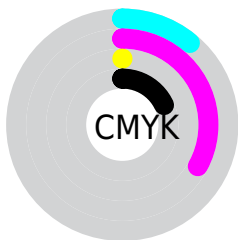
Blue (82%)



Red (73%)

Yellow (55%)

Blue (82%)

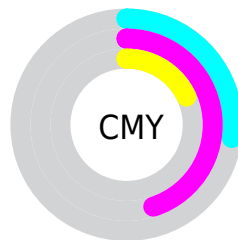


Cyan (11%)

Magenta (33%)

Yellow (0%)

Black (18%)



Cyan (27%)


Magenta (45%)


Yellow (18%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 40.887, 315.910 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, 40.887, 315.910 by changing the saturation by 10% instead.


 65, 40.887,
315.910


 65, 40.887,
315.910


 100, 40.887,
315.910


 55, 40.887,
315.910


 85, 40.887,
315.910

 45, 40.887,
315.910

 95, 40.887,
315.910

 35, 40.887,
315.910

 25, 40.887,
315.910

 15, 40.887,
315.910

 5, 40.887, 315.910

 0, 40.887, 315.910

65, 40.887,
315.910

65, 40.887,
315.910

60, 53.600,
316.335

71, 28.120,
315.466

54, 65.968,
316.709

76, 15.493,
315.023

50, 77.547,
316.986

82, 3.114, 314.559

45, 87.740,
317.105

88, 8.955, 134.241

42, 95.856,
316.993

94, 20.688,
133.867

39, 101.297,
316.578

97, 25.401,
130.991

38, 103.841,
316.101

98, 24.478,
125.558

98, 23.796,
119.671

■ 99, 23.390,
113.428

Harmonies

Complementary

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



65, 40.887, 315.910



79, 39.747, 132.980

Rectangle

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



65, 40.887, 315.910



65, 40.887, 5.910



65, 40.887, 135.910



65, 40.887, 185.910

Sweetspot

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



65, 40.885, 315.910



93, 14.478, 314.916



67, 25.288, 274.946



49, 9.893, 314.979



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, 40.885, 315.910



74, 57.743, 316.207



67, 39.875, 330.829



41, 6.987, 314.885



30, 88.325, 316.254



4, 27.971, 314.245

Inverse Universe

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



66, 29.124, 356.964



75, 41.233, 358.004



78, 39.795, 146.385



41, 4.908, 354.189



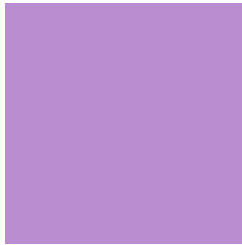
35, 63.091, 17.156



5, 20.655, 3.574

Previews

White Background



This preview shows how the CIELCh color 65, 40.887, 315.910 looks on a white background.

Color Contrast Check

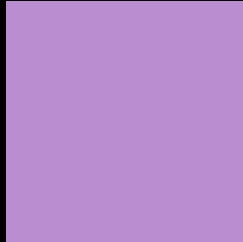
Large Text (above 18pt) WCAG AA × Fail

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, 40.887, 315.910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

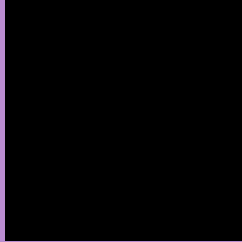
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 40.887, 315.910

Background



This preview shows how black text looks on a background with the CIELCh color 65, 40.887, 315.910.



This preview shows how white text looks on a background with the CIELCh color 65, 40.887, 315.910.

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, 13.027, 350.040

Trichromacy



Original Color
65, 40.887, 315.910

Protanomaly
65, 36.246, 295.901

Deuteranomaly
65, 32.059, 299.996

Tritanomaly
65, 22.055, 327.926

Monochromacy



Original Color
65, 40.887, 315.910

Achromatopsia
67, 0.008, 296.813

Achromatomaly
66, 15.298, 315.666

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 40.887, 315.910 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(186, 141, 209)` looks like.

```
.text, #text, p{  
    color:rgb(186, 141, 209)  
}
```

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(186, 141, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 141, 209) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 40.887, 315.910 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(186, 141, 209) }
```

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

```
.border{ border-color:rgb(186, 141, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 141, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 141, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 141, 209);  
box-shadow:4px 4px 4px 4px rgb(186, 141,  
209) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 40.887, 315.910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 141, 209) }
```

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

```
.background{ background-color: rgb(186,  
141, 209) }
```

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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