

Converting Colors

CIELCh(65, 39.989, 304.687)

Have a look what the booklet for
CIELCh(65, 39.989, 304.687)
contains.

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Color

CIELCh(65, 40.387, 304.862)

Conversions

Conversions Part 1

Format	Color
Hex	A992D9
RGB	169, 146, 217
RGB Percent	66%, 57%, 85%
CMY	0.3369, 0.4271, 0.1486
CMYK	0.22, 0.33, 0.00, 0.15
HSL	259°, 48%, 71%
HSV	259°, 33%, 85%
XYZ	39.2138, 34.0472, 70.2192
YIQ	160.9710, -9.0830, 26.9570

Conversions

Conversions Part 2

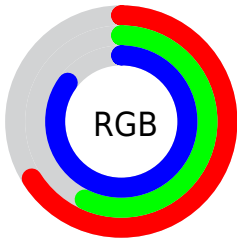
Format	Color
RYB	169, 146, 217
Decimal	11113177
CIELab	65.00, 23.09, -33.14
CIELCh	65, 40.387, 304.862
Yxy	34.0472, 0.2733, 0.2373
Android (android.graphics.Color)	4289303257 (0xFFA992D9)
YUV	160.9710, 27.6223, 7.0414
Hunter-Lab	58.3500, 17.8476, -30.5055

Details

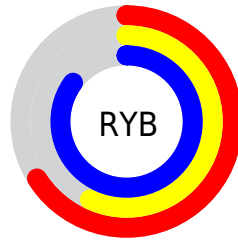
The CIELCh color $65, 40.387, 304.862$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $84, 37.866, 120.866$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 30.359, 308.552$, and $45, 40.692, 305.165$ is the 20% darker color. If you saturate the color by 10%, you get $58, 53.529, 305.681$, and if you desaturate by 10%, it is $72, 27.576, 304.111$.

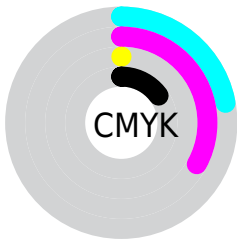
Distribution



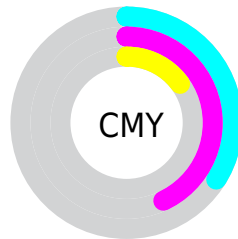
- Red (66%)
- Green (57%)
- Blue (85%)



- Red (66%)
- Yellow (57%)
- Blue (85%)



- Cyan (22%)
- Magenta (33%)
- Yellow (0%)
- Black (15%)





- Cyan (34%)
- Magenta (43%)
- Yellow (15%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 40.387, 304.862 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, 40.387, 304.862 by changing the saturation by 10% instead.


 65, 40.387,
304.862


 65, 40.387,
304.862


 100, 40.387,
304.862


 55, 40.387,
304.862


 85, 40.387,
304.862

 45, 40.387,
304.862

 95, 40.387,
304.862

 35, 40.387,
304.862

 25, 40.387,
304.862

 15, 40.387,
304.862

 5, 40.387, 304.862

 0, 40.387, 304.862

65, 40.387,
304.862

65, 40.387,
304.862

58, 53.529,
305.681

72, 27.576,
304.111

52, 66.849,
306.544

78, 15.169,
303.437

46, 80.019,
307.396

85, 3.182, 302.828

40, 92.441,
308.145

92, 8.389, 122.335

98, 19.559,
121.880

36, 103.148,
308.649

99, 19.159,
108.728

32, 110.921,
308.731

30, 114.668,
308.551

Harmonies

Complementary

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



65, 40.387, 304.862



84, 37.866, 120.866

Rectangle

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



65, 40.387, 304.862



65, 40.387, 354.862



65, 40.387, 124.862



65, 40.387, 174.862

Sweetspot

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



65, 40.385, 304.862



92, 13.543, 303.273



76, 19.446, 237.255



48, 9.262, 303.361



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, 40.385, 304.862



71, 55.435, 305.400



68, 43.777, 320.769



42, 6.795, 303.233



23, 96.788, 308.695



3, 30.270, 303.128

Inverse Universe

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



69, 36.701, 337.739



76, 49.656, 338.324



81, 43.206, 137.512



43, 6.374, 335.897



38, 68.175, 346.576



6, 27.589, 342.644

Previews

White Background



This preview shows how the CIELCh color 65, 40.387, 304.862 looks on a white background.

Color Contrast Check

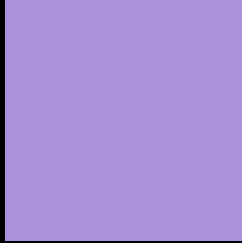
Large Text (above 18pt) WCAG AA × Fail

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, 40.387, 304.862 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, 40.387, 304.862

Background



This preview shows how black text looks on a background with the CIELCh color 65, 40.387, 304.862.



This preview shows how white text looks on a background with the CIELCh color 65, 40.387, 304.862.

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
65, 40.387, 304.862

Protanopia
65, 38.550, 285.536

Deuteranopia
65, 32.986, 284.786



Tritanopia
65, 6.865, 303.429

Trichromacy



Original Color
65, 40.387, 304.862

Protanomaly
65, 38.378, 292.233

Deuteranomaly
65, 35.618, 293.311

Tritanomaly
65, 19.423, 303.775

Monochromacy



Original Color
65, 40.387, 304.862

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 14.238, 303.354

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 40.387, 304.862 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(169, 146, 217)` looks like.

```
.text, #text, p{  
    color:rgb(169, 146, 217)  
}
```

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(169, 146, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 146, 217) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 40.387, 304.862 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(169, 146, 217) }
```

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

```
.border{ border-color:rgb(169, 146, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 146, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 146, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 146, 217);  
box-shadow:4px 4px 4px 4px rgb(169, 146,  
217) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 40.387, 304.862 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 146, 217) }
```

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

```
.background{ background-color: rgb(169,  
146, 217) }
```

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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