

Converting Colors

CIELCh(65, 40.458, 340.147)

Have a look what the booklet for
CIELCh(65, 40.458, 340.147)
contains.

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Color

CIELCh(65, 40.634, 340.405)

Conversions

Conversions Part 1

Format	Color
Hex	D584B7
RGB	213, 132, 183
RGB Percent	84%, 52%, 72%
CMY	0.1649, 0.4825, 0.2825
CMYK	0.00, 0.38, 0.14, 0.16
HSL	322°, 49%, 68%
HSV	322°, 38%, 84%
XYZ	44.2150, 34.0472, 49.0172
YIQ	162.0330, 31.9050, 33.0330

Conversions

Conversions Part 2

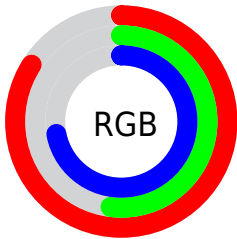
Format	Color
R_{YB}	213, 132, 183
Decimal	13993143
CIE _{Lab}	65.00, 38.28, -13.63
CIE _{LCh}	65, 40.634, 340.405
Yxy	34.0472, 0.3474, 0.2675
Android (android.graphics.Color)	4292183223 (0xFFD584B7)
YUV	162.0330, 10.3367, 44.6981
Hunter-Lab	58.3500, 33.1471, -8.9619

Details

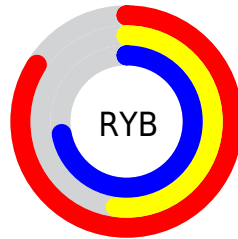
The CIELCh color $65, 40.634, 340.405$ is a light color, and the websafe version is hex `CC6699`. A complement of this color would be $79, 39.821, 153.849$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 36.899, 333.475$, and $45, 40.899, 340.437$ is the 20% darker color. If you saturate the color by 10%, you get $60, 50.703, 341.440$, and if you desaturate by 10%, it is $70, 30.037, 339.475$.

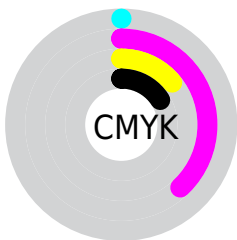
Distribution



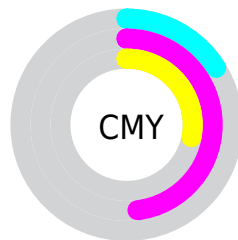
- Red (84%)
- Green (52%)
- Blue (72%)



- Red (84%)
- Yellow (52%)
- Blue (72%)



- Cyan (0%)
- Magenta (38%)
- Yellow (14%)
- Black (16%)





- Cyan (16%)
- Magenta (48%)
- Yellow (28%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 40.634, 340.405 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, 40.634, 340.405 by changing the saturation by 10% instead.


 65, 40.634,
340.405


 65, 40.634,
340.405


 100, 40.634,
340.405


 55, 40.634,
340.405


 85, 40.634,
340.405

 45, 40.634,
340.405

 95, 40.634,
340.405

 35, 40.634,
340.405

 25, 40.634,
340.405

 15, 40.634,
340.405

 5, 40.634, 340.405

 0, 40.634, 340.405

65, 40.634,
340.405

65, 40.634,
340.405

60, 50.703,
341.440

70, 30.037,
339.475

56, 59.808,
342.617

75, 19.254,
338.623

53, 67.417,
343.990

81, 8.510, 337.820

50, 73.006,
345.639

86, 2.052, 157.327

92, 12.347,
156.500

48, 76.218,
347.666

97, 19.516,
157.876

47, 77.146,
350.163

97, 16.991,
167.890

47, 77.232,
350.683

97, 15.102,
180.800

■ 97, 14.115,
196.353

Harmonies

Complementary

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



65, 40.634, 340.405



79, 39.821, 153.849

Rectangle

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



65, 40.634, 340.405



65, 40.634, 30.405



65, 40.634, 160.405



65, 40.634, 210.405

Sweetspot

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



65, 40.631, 340.406



93, 13.525, 338.066



61, 46.785, 306.661



49, 9.098, 338.175



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, 40.631, 340.406



72, 56.348, 341.271



64, 33.298, 12.931



42, 6.049, 337.931



37, 65.728, 350.219



5, 25.246, 345.382

Inverse Universe

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



65, 40.631, 340.406



72, 56.348, 341.271



80, 27.342, 185.223



42, 6.049, 337.931



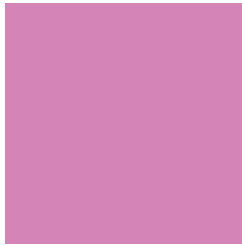
37, 65.728, 350.219



5, 25.246, 345.382

Previews

White Background



This preview shows how the CIELCh color 65, 40.634, 340.405 looks on a white background.

Color Contrast Check

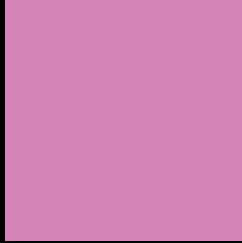
Large Text (above 18pt) WCAG AA × Fail

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, 40.634, 340.405 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

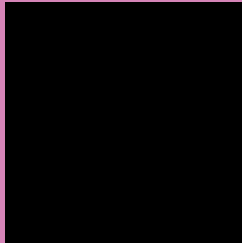
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 40.634, 340.405

Background



This preview shows how black text looks on a background with the CIELCh color 65, 40.634, 340.405.



This preview shows how white text looks on a background with the CIELCh color 65, 40.634, 340.405.

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, 29.055, 10.609

Trichromacy



Original Color
65, 40.634, 340.405



Protanomaly
65, 27.002, 310.187



Deuteranomaly
65, 23.162, 327.059

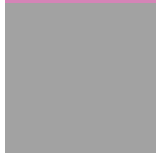


Tritanomaly
65, 31.736, 357.385

Monochromacy



Original Color
65, 40.634, 340.405



Achromatopsia
67, 0.008, 296.813



Achromatomaly
66, 15.529, 338.319

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 40.634, 340.405 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(213, 132, 183)` looks like.

```
.text, #text, p{  
    color:rgb(213, 132, 183)  
}
```

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(213, 132, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 132, 183) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 40.634, 340.405 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(213, 132, 183) }
```

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

```
.border{ border-color:rgb(213, 132, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 132, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 132, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 132, 183);  
box-shadow:4px 4px 4px 4px rgb(213, 132,  
183) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 40.634, 340.405 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 132, 183) }
```

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

```
.background{ background-color: rgb(213,  
132, 183) }
```

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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