

Converting Colors

CIELCh(65, 41.788, 341.881)

Have a look what the booklet for
CIELCh(65, 41.788, 341.881)
contains.

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Color

CIELCh(65, 41.690, 342.035)

Conversions

Conversions Part 1

Format	Color
Hex	D883B6
RGB	216, 131, 182
RGB Percent	85%, 51%, 71%
CMY	0.1544, 0.4876, 0.2876
CMYK	0.00, 0.39, 0.16, 0.15
HSL	324°, 52%, 68%
HSV	324°, 39%, 85%
XYZ	44.6881, 34.0472, 48.2834
YIQ	162.2290, 34.2890, 33.8810

Conversions

Conversions Part 2

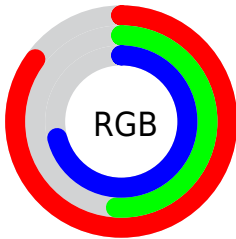
Format	Color
RYB	216, 131, 182
Decimal	14189494
CIELab	65.00, 39.66, -12.86
CIElCh	65, 41.690, 342.035
Yxy	34.0472, 0.3518, 0.2680
Android (android.graphics.Color)	4292379574 (0xFFD883B6)
YUV	162.2290, 9.7471, 47.1572
Hunter-Lab	58.3500, 34.5941, -8.2163

Details

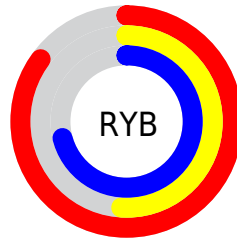
The CIELCh color $65, 41.690, 342.035$ is a light color, and the websafe version is hex $CC6699$. A complement of this color would be $80, 40.648, 154.968$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 37.148, 333.931$, and $45, 41.900, 342.261$ is the 20% darker color. If you saturate the color by 10%, you get $60, 51.606, 343.159$, and if you desaturate by 10%, it is $70, 31.212, 341.040$.

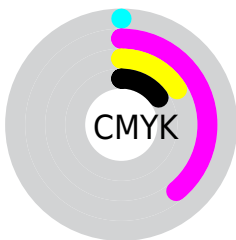
Distribution



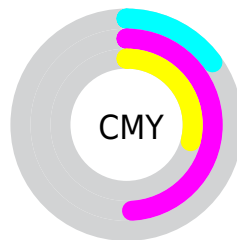
- Red (85%)
- Green (51%)
- Blue (71%)



- Red (85%)
- Yellow (51%)
- Blue (71%)



- Cyan (0%)
- Magenta (39%)
- Yellow (16%)
- Black (15%)





- Cyan (15%)
- Magenta (49%)
- Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 41.690, 342.035 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, 41.690, 342.035 by changing the saturation by 10% instead.


 65, 41.690,
342.035


 65, 41.690,
342.035


 100, 41.690,
342.035


 55, 41.690,
342.035


 85, 41.690,
342.035

 45, 41.690,
342.035

 95, 41.690,
342.035

 35, 41.690,
342.035

 25, 41.690,
342.035

 15, 41.690,
342.035

 5, 41.690, 342.035

 0, 41.690, 342.035

65, 41.690,
342.035

65, 41.690,
342.035

60, 51.606,
343.159

70, 31.212,
341.040

56, 60.508,
344.455

75, 20.526,
340.138

53, 67.857,
345.994

81, 9.868, 339.300

50, 73.141,
347.869

87, 0.611, 159.230

92, 10.824,
157.926

48, 76.042,
350.203

97, 17.743,
159.842

47, 76.835,
353.064

97, 15.174,
172.502

47, 76.867,
353.242

97, 13.550,
189.091

■ 97, 13.210,
198.624

Harmonies

Complementary

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



65, 41.690, 342.035



80, 40.648, 154.968

Rectangle

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



65, 41.690, 342.035



65, 41.690, 32.035



65, 41.690, 162.035



65, 41.690, 212.035

Sweetspot

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



65, 41.687, 342.036



92, 14.465, 339.524



61, 49.133, 307.298



48, 9.605, 339.633



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, 41.687, 342.036



72, 56.440, 342.927



64, 34.968, 14.445



42, 5.924, 339.301



37, 64.803, 352.693



5, 24.787, 347.341

Inverse Universe

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



65, 41.687, 342.036



72, 56.440, 342.927



81, 28.215, 186.568



42, 5.924, 339.301



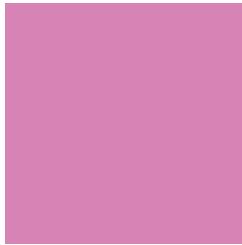
37, 64.803, 352.693



5, 24.787, 347.341

Previews

White Background



This preview shows how the CIELCh color 65, 41.690, 342.035 looks on a white background.

Color Contrast Check

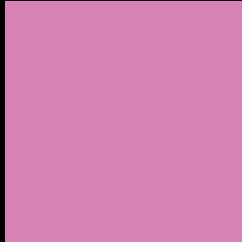
Large Text (above 18pt) WCAG AA × Fail

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, 41.690, 342.035 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

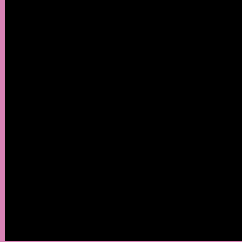
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 41.690, 342.035

Background



This preview shows how black text looks on a background with the CIELCh color 65, 41.690, 342.035.

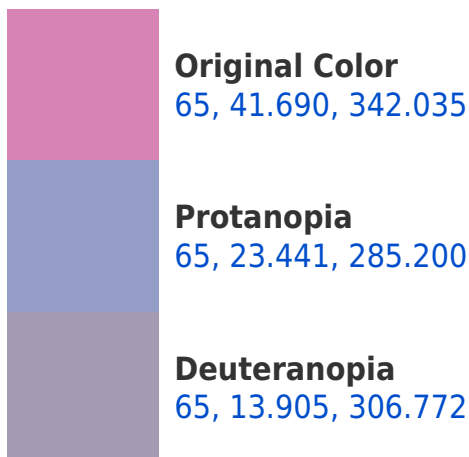


This preview shows how white text looks on a background with the CIELCh color 65, 41.690, 342.035.

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, 30.691, 11.469

Trichromacy



Original Color
65, 41.690, 342.035



Protanomaly
65, 27.355, 312.368



Deuteranomaly
65, 22.940, 328.678



Tritanomaly
65, 33.181, 358.808

Monochromacy



Original Color
65, 41.690, 342.035



Achromatopsia
67, 0.008, 296.813



Achromatomaly
66, 15.464, 340.867

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 41.690, 342.035 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(216, 131, 182)` looks like.

```
.text, #text, p{  
    color:rgb(216, 131, 182)  
}
```

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(216, 131, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 131, 182) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 41.690, 342.035 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(216, 131, 182) }
```

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

```
.border{ border-color:rgb(216, 131, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 131, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 131, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 131, 182);  
box-shadow:4px 4px 4px 4px rgb(216, 131,  
182) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 41.690, 342.035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 131, 182) }
```

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

```
.background{ background-color: rgb(216,  
131, 182) }
```

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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