

Converting Colors

CIELCh(65, 34.746, 341.482)

Have a look what the booklet for
CIELCh(65, 34.746, 341.482)
contains.

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Color

CIELCh(65, 34.737, 341.477)

Conversions

Conversions Part 1

Format	Color
Hex	CE88B2
RGB	206, 136, 178
RGB Percent	81%, 53%, 70%
CMY	0.1912, 0.4658, 0.3011
CMYK	0.00, 0.34, 0.14, 0.19
HSL	324°, 42%, 67%
HSV	324°, 34%, 81%
XYZ	42.4107, 34.0472, 46.5724
YIQ	161.7180, 28.2380, 27.9020

Conversions

Conversions Part 2

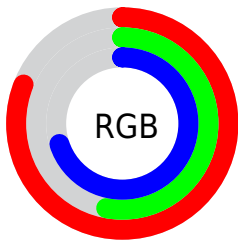
Format	Color
R_{YB}	206, 136, 178
Decimal	13535410
CIE _{Lab}	65.00, 32.94, -11.04
CIE _{LCh}	65, 34.737, 341.477
Yxy	34.0472, 0.3447, 0.2767
Android (android.graphics.Color)	4291725490 (0xFFCE88B2)
YUV	161.7180, 8.0270, 38.8353
Hunter-Lab	58.3500, 27.6274, -6.4777

Details

The CIELCh color $65, 34.737, 341.477$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $77, 33.939, 155.612$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 32.638, 337.119$, and $45, 34.355, 341.546$ is the 20% darker color. If you saturate the color by 10%, you get $60, 44.646, 342.523$, and if you desaturate by 10%, it is $70, 24.486, 340.540$.

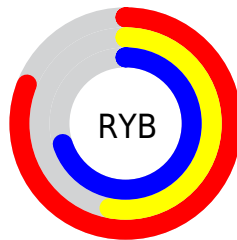
Distribution



Red (81%)

Green (53%)

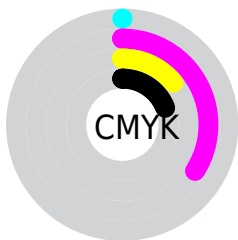
Blue (70%)



Red (81%)

Yellow (53%)

Blue (70%)

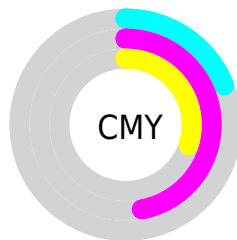


Cyan (0%)

Magenta (34%)

Yellow (14%)

Black (19%)



Cyan (19%)


Magenta (47%)

Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 34.737, 341.477 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, 34.737, 341.477 by changing the saturation by 10% instead.

 65, 34.737,
341.477


 65, 34.737,
341.477


 100, 34.737,
341.477


 55, 34.737,
341.477


 85, 34.737,
341.477

 45, 34.737,
341.477

 95, 34.737,
341.477

 35, 34.737,
341.477

 25, 34.737,
341.477

 15, 34.737,
341.477

 5, 34.737, 341.477

 0, 34.737, 341.477

65, 34.737,
341.477

65, 34.737,
341.477

60, 44.646,
342.523

70, 24.486,
340.540

56, 53.839,
343.713

75, 14.174,
339.680

52, 61.834,
345.102

81, 3.977, 338.833

49, 68.109,
346.770

86, 5.997, 158.273

92, 15.687,
157.565

47, 72.229,
348.824

96, 22.145,
158.988

46, 74.037,
351.387

96, 19.529,
168.250

45, 74.371,
353.159

97, 17.516,
179.921

■ 97, 16.339,
193.865

Harmonies

Complementary

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



65, 34.737, 341.477



77, 33.939, 155.612

Rectangle

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



65, 34.737, 341.477



65, 34.737, 31.477



65, 34.737, 161.477



65, 34.737, 211.477

Sweetspot

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



65, 34.734, 341.478



94, 12.031, 339.365



62, 40.599, 307.455



49, 8.219, 339.482



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, 34.734, 341.478



75, 49.609, 342.256



64, 28.661, 14.807



40, 5.690, 339.304



36, 63.391, 352.627



4, 21.116, 347.145

Inverse Universe

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



65, 34.734, 341.478



75, 49.609, 342.256



78, 23.723, 188.522



40, 5.690, 339.304



36, 63.391, 352.627



4, 21.116, 347.145

Previews

White Background



This preview shows how the CIELCh color 65, 34.737, 341.477 looks on a white background.

Color Contrast Check

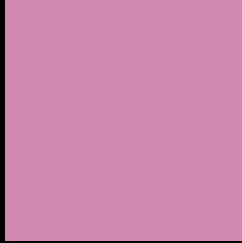
Large Text (above 18pt) WCAG AA × Fail

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, 34.737, 341.477 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

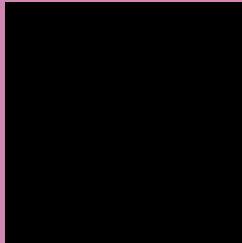
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 34.737, 341.477

Background



This preview shows how black text looks on a background with the CIELCh color 65, 34.737, 341.477.



This preview shows how white text looks on a background with the CIELCh color 65, 34.737, 341.477.

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, 34.737, 341.477

Protanopia
65, 19.537, 285.136

Deuteranopia
65, 12.553, 312.021



Tritanopia
65, 25.383, 8.367

Trichromacy



Original Color
65, 34.737, 341.477

Protanomaly
65, 22.582, 311.780

Deuteranomaly
65, 19.883, 329.968

Tritanomaly
65, 28.135, 355.798

Monochromacy



Original Color
65, 34.737, 341.477

Achromatopsia
67, 0.008, 296.813

Achromatomaly
66, 12.660, 339.673

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 34.737, 341.477 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(206, 136, 178)` looks like.

```
.text, #text, p{  
    color:rgb(206, 136, 178)  
}
```

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(206, 136, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 136, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 34.737, 341.477 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(206, 136, 178) }
```

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

```
.border{ border-color:rgb(206, 136, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 136, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(206, 136, 178); -webkit-box-shadow:4px 4px 4px 4px rgb(206, 136, 178); box-shadow:4px 4px 4px 4px rgb(206, 136, 178) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 34.737, 341.477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 136, 178) }
```

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

```
.background{ background-color: rgb(206,  
136, 178) }
```

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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