

Converting Colors

CIELCh(65, 29.410, 340.004)

Have a look what the booklet for
CIELCh(65, 29.410, 340.004)
contains.

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Color

CIELCh(65, 29.410, 340.004)

Conversions

Conversions Part 1

Format	Color
Hex	C68CB0
RGB	198, 140, 176
RGB Percent	78%, 55%, 69%
CMY	0.2222, 0.4497, 0.3085
CMYK	0.00, 0.29, 0.11, 0.22
HSL	323°, 34%, 66%
HSV	323°, 29%, 78%
XYZ	40.6700, 34.0472, 45.6710
YIQ	161.4460, 23.0120, 23.4920

Conversions

Conversions Part 2

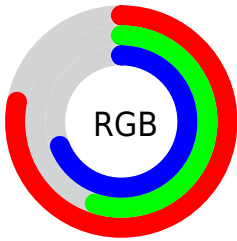
Format	Color
R_{YB}	198, 140, 176
Decimal	13012144
CIE _{Lab}	65.00, 27.64, -10.06
CIE _{LCh}	65, 29.410, 340.004
Yxy	34.0472, 0.3378, 0.2828
Android (android.graphics.Color)	4291202224 (0xFFC68CB0)
YUV	161.4460, 7.1751, 32.0579
Hunter-Lab	58.3500, 22.3024, -5.5618

Details

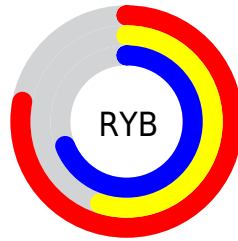
The CIELCh color $65, 29.410, 340.004$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $75, 28.877, 155.207$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 29.513, 339.453$, and $45, 29.188, 340.272$ is the 20% darker color. If you saturate the color by 10%, you get $60, 39.320, 340.956$, and if you desaturate by 10%, it is $70, 19.294, 339.137$.

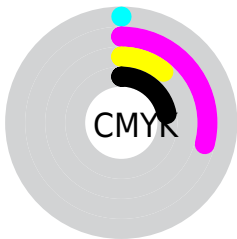
Distribution



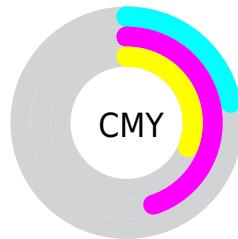
- Red (78%)
- Green (55%)
- Blue (69%)



- Red (78%)
- Yellow (55%)
- Blue (69%)



- Cyan (0%)
- Magenta (29%)
- Yellow (11%)
- Black (22%)





- Cyan (22%)
- Magenta (45%)
- Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 29.410, 340.004 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, 29.410, 340.004 by changing the saturation by 10% instead.


 65, 29.410,
340.004


 65, 29.410,
340.004

 100, 29.410,
340.004


 55, 29.410,
340.004


 85, 29.410,
340.004

 45, 29.410,
340.004

 95, 29.410,
340.004

 35, 29.410,
340.004

 25, 29.410,
340.004

 15, 29.410,
340.004

 5, 29.410, 340.004

 0, 29.410, 340.004

65, 29.410,
340.004

65, 29.410,
340.004

60, 39.320,
340.956

70, 19.294,
339.137

56, 48.710,
342.020

75, 9.202, 338.326

80, 0.728, 158.130

52, 57.154,
343.235

86, 10.414,
156.988

49, 64.154,
344.662

91, 19.813,
156.337

46, 69.229,
346.385

96, 26.363,
157.163

45, 72.066,
348.510


96, 23.818,
163.887

44, 72.914,
351.099

96, 21.634,
172.039

43, 72.960,

351.299

 96, 19.935,
181.749

Harmonies

Complementary

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



65, 29.410, 340.004



75, 28.877, 155.207

Rectangle

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



65, 29.410, 340.004



65, 29.410, 30.004



65, 29.410, 160.004



65, 29.410, 210.004

Sweetspot

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



65, 29.408, 340.005



94, 10.976, 338.316



62, 33.524, 306.021



49, 7.637, 338.435



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, 29.408, 340.005



78, 43.092, 340.590



64, 23.647, 11.546



39, 5.654, 338.336



36, 63.297, 350.852



4, 19.305, 345.504

Inverse Universe

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



65, 29.408, 340.005



78, 43.092, 340.590



76, 20.420, 186.031



39, 5.654, 338.336



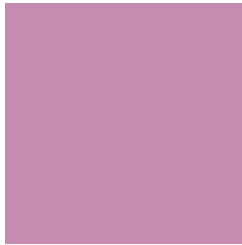
36, 63.297, 350.852



4, 19.305, 345.504

Previews

White Background



This preview shows how the CIELCh color 65, 29.410, 340.004 looks on a white background.

Color Contrast Check

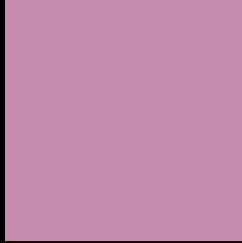
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 65, 29.410, 340.004 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

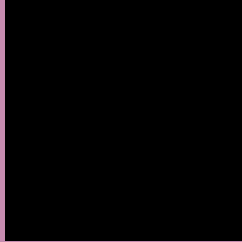
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 29.410, 340.004

Background



This preview shows how black text looks on a background with the CIELCh color 65, 29.410, 340.004.



This preview shows how white text looks on a background with the CIELCh color 65, 29.410, 340.004.

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, 29.410, 340.004

Protanopia

65, 16.726, 285.923

Deuteranopia

65, 12.038, 312.950



Tritanopia
65, 21.391, 5.220

Trichromacy



Original Color
65, 29.410, 340.004

Protanomaly
65, 19.065, 311.975

Deuteranomaly
65, 18.111, 328.298

Tritanomaly
65, 23.602, 354.100

Monochromacy



Original Color
65, 29.410, 340.004

Achromatopsia
67, 0.008, 296.813

Achromatomaly
66, 10.793, 338.610

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 29.410, 340.004 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(198, 140, 176)` looks like.

```
.text, #text, p{  
    color:rgb(198, 140, 176)  
}
```

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(198, 140, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 140, 176) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 29.410, 340.004 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(198, 140, 176) }
```

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

```
.border{ border-color:rgb(198, 140, 176) }
```

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

Here you see how a box with a 4 pixel rgb(198, 140, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 140, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 140, 176);  
box-shadow:4px 4px 4px 4px rgb(198, 140,  
176) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 29.410, 340.004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 140, 176) }
```

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

```
.background{ background-color: rgb(198,  
140, 176) }
```

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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