

Converting Colors

CIELCh(65, 29.738, 333.578)

Have a look what the booklet for
CIELCh(65, 29.738, 333.578)
contains.

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Color

CIELCh(65, 29.952, 333.252)

Conversions

Conversions Part 1

Format	Color
Hex	C28DB6
RGB	194, 141, 182
RGB Percent	76%, 55%, 71%
CMY	0.2379, 0.4458, 0.2850
CMYK	0.00, 0.27, 0.06, 0.24
HSL	314°, 30%, 66%
HSV	314°, 27%, 76%
XYZ	40.3825, 34.0472, 48.8763
YIQ	161.5210, 18.4270, 23.9870

Conversions

Conversions Part 2

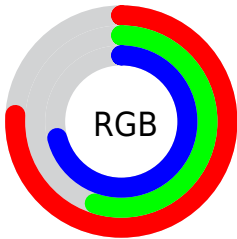
Format	Color
RYB	194, 141, 182
Decimal	12750262
CIELab	65.00, 26.75, -13.48
CIELCh	65, 29.952, 333.252
Yxy	34.0472, 0.3275, 0.2761
Android (android.graphics.Color)	4290940342 (0xFFC28DB6)
YUV	161.5210, 10.0961, 28.4841
Hunter-Lab	58.3500, 21.4228, -8.8188

Details

The CIELCh color $65, 29.952, 333.252$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $74, 29.783, 149.426$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 30.027, 333.146$, and $45, 30.055, 333.534$ is the 20% darker color. If you saturate the color by 10%, you get $60, 40.738, 333.966$, and if you desaturate by 10%, it is $70, 18.939, 332.566$.

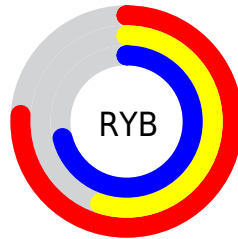
Distribution



Red (76%)

Green (55%)

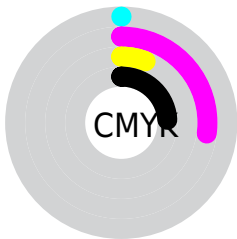
Blue (71%)



Red (76%)

Yellow (55%)

Blue (71%)

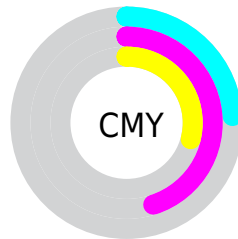


Cyan (0%)

Magenta (27%)

Yellow (6%)

Black (24%)



Cyan (24%)


Magenta (45%)


Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 29.952, 333.252 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, 29.952, 333.252 by changing the saturation by 10% instead.


 65, 29.952,
333.252


 65, 29.952,
333.252


 100, 29.952,
333.252


 55, 29.952,
333.252


 85, 29.952,
333.252

 45, 29.952,
333.252

 95, 29.952,
333.252

 35, 29.952,
333.252

 25, 29.952,
333.252

 15, 29.952,
333.252

 5, 29.952, 333.252

 0, 29.952, 333.252

65, 29.952,
333.252

65, 29.952,
333.252

60, 40.738,
333.966

70, 18.939,
332.566

56, 50.983,
334.712

75, 7.932, 331.891

52, 60.265,
335.498

80, 2.923, 151.413

49, 68.092,
336.340

85, 13.538,
150.737

47, 73.976,
337.265

90, 23.862,
150.163

45, 77.566,
338.312

95, 32.131,
150.091


44, 78.877,
339.521

95, 30.425,
152.819

44, 79.070,

95, 28.781,
155.850

339.864

 95, 27.214,
159.222

Harmonies

Complementary

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



65, 29.952, 333.252



74, 29.783, 149.426

Rectangle

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



65, 29.952, 333.252



65, 29.952, 23.252



65, 29.952, 153.252



65, 29.952, 203.252

Sweetspot

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



65, 29.950, 333.253



94, 10.785, 331.949



61, 30.202, 300.768



50, 7.736, 332.053



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, 29.950, 333.253



79, 44.713, 333.694



64, 22.371, 0.065



38, 6.171, 332.033



36, 68.824, 339.661



4, 19.530, 335.970

Inverse Universe

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



65, 29.950, 333.253



79, 44.713, 333.694



75, 20.552, 174.496



38, 6.171, 332.033



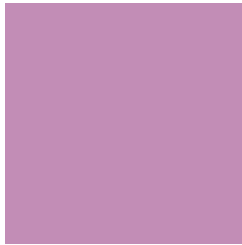
36, 68.824, 339.661



4, 19.530, 335.970

Previews

White Background



This preview shows how the CIELCh color 65, 29.952, 333.252 looks on a white background.

Color Contrast Check

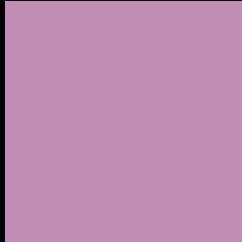
Large Text (above 18pt) WCAG AA × Fail

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, 29.952, 333.252 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

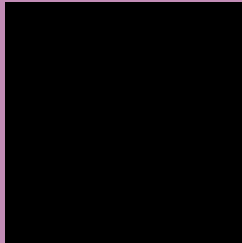
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 29.952, 333.252

Background



This preview shows how black text looks on a background with the CIELCh color 65, 29.952, 333.252.



This preview shows how white text looks on a background with the CIELCh color 65, 29.952, 333.252.

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, 29.952, 333.252

Protanopia
65, 20.086, 285.406

Deuteranopia
65, 14.892, 304.330



Tritanopia
65, 18.664, 2.386

Trichromacy



Original Color
65, 29.952, 333.252

Protanomaly
65, 21.924, 306.387

Deuteranomaly
65, 20.114, 319.005

Tritanomaly
65, 22.057, 348.295

Monochromacy



Original Color
65, 29.952, 333.252

Achromatopsia
67, 0.008, 296.813

Achromatomaly
66, 11.287, 333.053

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 29.952, 333.252 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(194, 141, 182)` looks like.

```
.text, #text, p{  
    color:rgb(194, 141, 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(194, 141, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 141, 182) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 29.952, 333.252 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(194, 141, 182) }
```

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

```
.border{ border-color:rgb(194, 141, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 141, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 141, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 141, 182);  
box-shadow:4px 4px 4px 4px rgb(194, 141,  
182) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 29.952, 333.252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 141, 182) }
```

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

```
.background{ background-color: rgb(194,  
141, 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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