

Converting Colors

CIELCh(65, 28.441, 325.589)

Have a look what the booklet for
CIELCh(65, 28.441, 325.589)
contains.

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Color

CIELCh(65, 28.588, 325.679)

Conversions

Conversions Part 1

Format	Color
Hex	BB90BB
RGB	187, 144, 187
RGB Percent	73%, 56%, 73%
CMY	0.2671, 0.4357, 0.2671
CMYK	0.00, 0.23, 0.00, 0.27
HSL	300°, 24%, 65%
HSV	300°, 23%, 73%
XYZ	39.3800, 34.0472, 51.4463
YIQ	161.7590, 11.8250, 22.4890

Conversions

Conversions Part 2

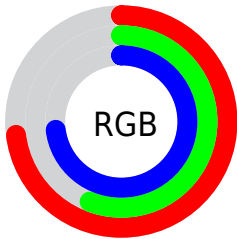
Format	Color
RYB	187, 144, 187
Decimal	12292283
CIELab	65.00, 23.61, -16.12
CIELCh	65, 28.588, 325.679
Yxy	34.0472, 0.3154, 0.2727
Android (android.graphics.Color)	4290482363 (0xFFBB90BB)
YUV	161.7590, 12.4438, 22.1364
Hunter-Lab	58.3500, 18.3562, -11.4302

Details

The CIELCh color $65, 28.588, 325.679$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $72, 28.571, 142.945$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 28.661, 326.065$, and $45, 28.749, 325.342$ is the 20% darker color. If you saturate the color by 10%, you get $61, 40.879, 326.206$, and if you desaturate by 10%, it is $70, 16.122, 325.132$.

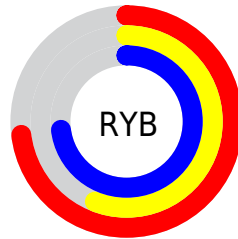
Distribution



Red (73%)

Green (56%)

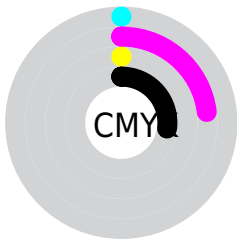
Blue (73%)



Red (73%)

Yellow (56%)

Blue (73%)

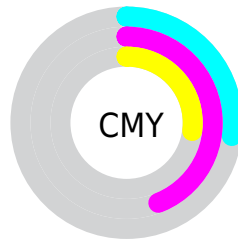


Cyan (0%)

Magenta (23%)

Yellow (0%)

Black (27%)



Cyan (27%)


Magenta (44%)


Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 28.588, 325.679 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, 28.588, 325.679 by changing the saturation by 10% instead.


 65, 28.588,
325.679


 65, 28.588,
325.679


 100, 28.588,
325.679


 55, 28.588,
325.679


 85, 28.588,
325.679

 45, 28.588,
325.679

 95, 28.588,
325.679

 35, 28.588,
325.679

 25, 28.588,
325.679

 15, 28.588,
325.679

 5, 28.588, 325.679

 0, 28.588, 325.679

65, 28.588,
325.679

65, 28.588,
325.679

61, 40.879,
326.206

70, 16.122,
325.132

57, 52.696,
326.702

74, 3.705, 324.539

79, 8.517, 144.098

53, 63.644,
327.149

84, 20.455,
143.561

50, 73.262,
327.533

89, 32.056,
143.056

48, 81.085,
327.838

94, 42.689,
142.604

46, 86.750,
328.054


94, 42.689,
142.604

45, 90.120,
328.181

94, 42.689,
142.604

44, 91.497,

328.232

 94, 42.689,
142.604

Harmonies

Complementary

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



65, 28.588, 325.679



72, 28.571, 142.945

Rectangle

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



65, 28.588, 325.679



65, 28.588, 15.679



65, 28.588, 145.679



65, 28.588, 195.679

Sweetspot

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



65, 28.586, 325.679



91, 10.681, 324.800



61, 23.805, 292.176



49, 6.999, 324.835



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



65, 28.586, 325.679



79, 42.917, 325.969



64, 20.546, 344.753



37, 7.068, 324.928



37, 80.849, 328.232



3, 21.490, 325.460

Inverse Universe

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



64, 17.395, 21.107



78, 26.684, 21.696



72, 20.015, 160.762



37, 4.096, 19.917



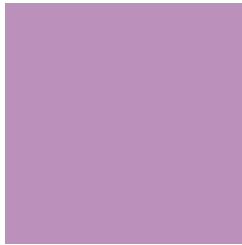
32, 72.803, 39.664



3, 12.251, 19.405

Previews

White Background



This preview shows how the CIELCh color 65, 28.588, 325.679 looks on a white background.

Color Contrast Check

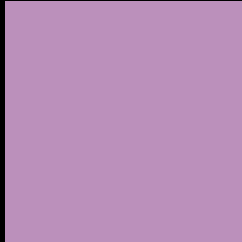
Large Text (above 18pt) WCAG AA × Fail

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, 28.588, 325.679 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

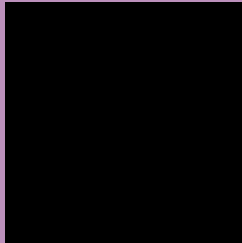
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 28.588, 325.679

Background



This preview shows how black text looks on a background with the CIELCh color 65, 28.588, 325.679.



This preview shows how white text looks on a background with the CIELCh color 65, 28.588, 325.679.

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, 28.588, 325.679

Protanopia

65, 21.758, 286.166

Deuteranopia

65, 17.437, 299.009



Tritanopia
65, 14.545, 356.169

Trichromacy



Original Color
65, 28.588, 325.679

Protanomaly
65, 22.690, 302.247

Deuteranomaly
65, 21.402, 311.831

Tritanomaly
65, 18.981, 339.153

Monochromacy



Original Color
65, 28.588, 325.679

Achromatopsia
67, 0.008, 296.813

Achromatomaly
66, 10.770, 324.925

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 28.588, 325.679 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(187, 144, 187)` looks like.

```
.text, #text, p{  
    color:rgb(187, 144, 187)  
}
```

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(187, 144, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 144, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 28.588, 325.679 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(187, 144, 187) }
```

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

```
.border{ border-color:rgb(187, 144, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 144, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 144, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 144, 187);  
box-shadow:4px 4px 4px 4px rgb(187, 144,  
187) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 28.588, 325.679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 144, 187) }
```

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

```
.background{ background-color: rgb(187,  
144, 187) }
```

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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