

Converting Colors

CIELCh(65, 32.000, 326.385)

Have a look what the booklet for
CIELCh(65, 32.000, 326.385)
contains.

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Color

CIELCh(65, 32.000, 326.385)

Conversions

Conversions Part 1

Format	Color
Hex	BF8EBE
RGB	191, 142, 190
RGB Percent	75%, 56%, 75%
CMY	0.2518, 0.4439, 0.2557
CMYK	0.00, 0.26, 0.01, 0.25
HSL	301°, 28%, 65%
HSV	301°, 26%, 75%
XYZ	40.3509, 34.0472, 53.0446
YIQ	162.1230, 13.7960, 25.3160

Conversions

Conversions Part 2

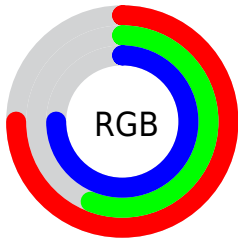
Format	Color
RYB	191, 142, 190
Decimal	12553918
CIELab	65.00, 26.65, -17.72
CIELCh	65, 32.000, 326.385
Yxy	34.0472, 0.3166, 0.2672
Android (android.graphics.Color)	4290743998 (0xFFBF8EBE)
YUV	162.1230, 13.7434, 25.3251
Hunter-Lab	58.3500, 21.3260, -13.0542

Details

The CIELCh color $65, 32.000, 326.385$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $73, 31.985, 143.265$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 31.946, 326.655$, and $45, 32.283, 326.193$ is the 20% darker color. If you saturate the color by 10%, you get $61, 44.239, 326.917$, and if you desaturate by 10%, it is $70, 19.514, 325.834$.

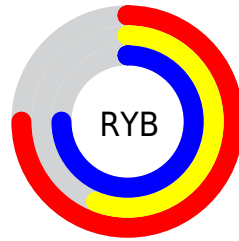
Distribution



Red (75%)

Green (56%)

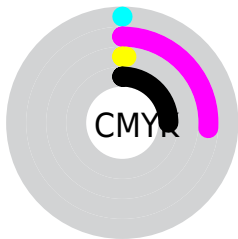
Blue (75%)



Red (75%)

Yellow (56%)

Blue (75%)

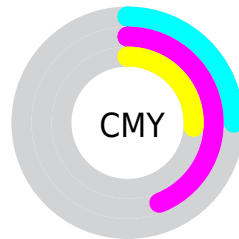


Cyan (0%)

Magenta (26%)

Yellow (1%)

Black (25%)



Cyan (25%)


Magenta (44%)


Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 32.000, 326.385 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, 32.000, 326.385 by changing the saturation by 10% instead.


 65, 32.000,
326.385


 65, 32.000,
326.385


 100, 32.000,
326.385


 55, 32.000,
326.385


 85, 32.000,
326.385

 45, 32.000,
326.385

 95, 32.000,
326.385

 35, 32.000,
326.385

 25, 32.000,
326.385

 15, 32.000,
326.385

 5, 32.000, 326.385

 0, 32.000, 326.385

65, 32.000,
326.385

65, 32.000,
326.385

61, 44.239,
326.917

70, 19.514,
325.834

57, 55.903,
327.418

74, 7.028, 325.262

79, 5.294, 144.803

53, 66.571,
327.872

85, 17.350,
144.240

50, 75.761,
328.266

90, 29.079,
143.725

48, 83.013,
328.587

94, 39.685,
143.280

46, 88.001,
328.830


94, 39.522,
143.442

45, 90.675,
328.999

94, 39.359,
143.606

45, 91.446,

329.059

 94, 39.197,
143.770

Harmonies

Complementary

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



65, 32.000, 326.385



73, 31.985, 143.265

Rectangle

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



65, 32.000, 326.385



65, 32.000, 16.385



65, 32.000, 146.385



65, 32.000, 196.385

Sweetspot

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



65, 31.998, 326.385



92, 12.252, 325.407



61, 27.663, 293.760



49, 8.786, 325.495



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



65, 31.998, 326.385



79, 47.605, 326.698



64, 22.885, 346.905



37, 6.971, 325.477



37, 79.586, 329.047



3, 21.068, 326.156

Inverse Universe

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



65, 31.998, 326.385



79, 47.605, 326.698



73, 22.112, 162.232



37, 6.971, 325.477



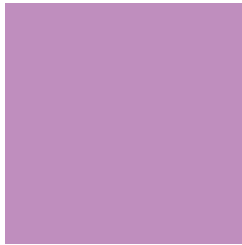
37, 79.586, 329.047



3, 21.068, 326.156

Previews

White Background



This preview shows how the CIELCh color 65, 32.000, 326.385 looks on a white background.

Color Contrast Check

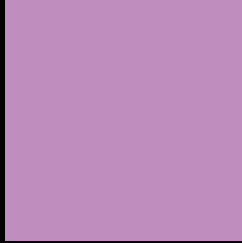
Large Text (above 18pt) WCAG AA × Fail

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, 32.000, 326.385 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

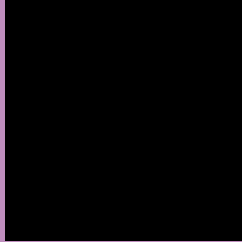
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 32.000, 326.385

Background



This preview shows how black text looks on a background with the CIELCh color 65, 32.000, 326.385.



This preview shows how white text looks on a background with the CIELCh color 65, 32.000, 326.385.

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, 32.000, 326.385

Protanopia

65, 24.564, 285.703

Deuteranopia

65, 18.499, 297.572



Tritanopia
65, 16.381, 359.331

Trichromacy



Original Color
65, 32.000, 326.385

Protanomaly
65, 25.505, 302.123

Deuteranomaly
65, 22.557, 311.775

Tritanomaly
65, 20.769, 341.802

Monochromacy



Original Color
65, 32.000, 326.385

Achromatopsia
67, 0.008, 296.813

Achromatomaly
66, 11.434, 324.955

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 32.000, 326.385 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(191, 142, 190)` looks like.

```
.text, #text, p{  
    color:rgb(191, 142, 190)  
}
```

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(191, 142, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 142, 190) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 32.000, 326.385 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(191, 142, 190) }
```

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

```
.border{ border-color:rgb(191, 142, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 142, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 142, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 142, 190);  
box-shadow:4px 4px 4px 4px rgb(191, 142,  
190) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 32.000, 326.385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 142, 190) }
```

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

```
.background{ background-color: rgb(191,  
142, 190) }
```

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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