

Converting Colors

CIELCh(65, 33.644, 324.141)

Have a look what the booklet for
CIELCh(65, 33.644, 324.141)
contains.

CIELCh(65, 33.158, 324.183)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(65, 33.158, 324.183)

Conversions

Conversions Part 1

Format	Color
Hex	BE8EC1
RGB	190, 142, 193
RGB Percent	75%, 56%, 76%
CMY	0.2557, 0.4439, 0.2440
CMYK	0.02, 0.26, 0.00, 0.24
HSL	296°, 29%, 66%
HSV	296°, 26%, 76%
XYZ	40.4278, 34.0472, 54.7704
YIQ	162.1660, 12.2370, 26.0370

Conversions

Conversions Part 2

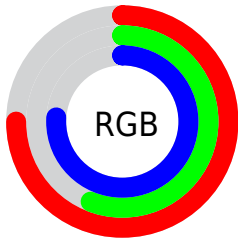
Format	Color
R _{YB}	190, 142, 193
Decimal	12488385
CIE Lab	65.00, 26.89, -19.40
CIE LCh	65, 33.158, 324.183
Yxy	34.0472, 0.3128, 0.2634
Android (android.graphics.Color)	4290678465 (0xFFBE8EC1)
YUV	162.1660, 15.2012, 24.4104
Hunter-Lab	58.3500, 21.5614, -14.8079

Details

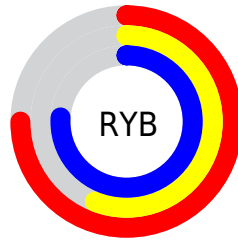
The CIELCh color $65, 33.158, 324.183$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $74, 33.050, 141.226$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 33.462, 324.052$, and $45, 33.056, 324.427$ is the 20% darker color. If you saturate the color by 10%, you get $60, 45.523, 324.665$, and if you desaturate by 10%, it is $70, 20.578, 323.678$.

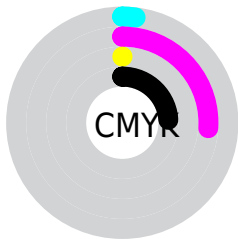
Distribution



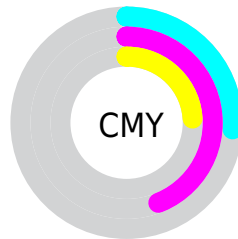
- Red (75%)
- Green (56%)
- Blue (76%)



- Red (75%)
- Yellow (56%)
- Blue (76%)



- Cyan (2%)
- Magenta (26%)
- Yellow (0%)
- Black (24%)





- Cyan (26%)
- Magenta (44%)
- Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 33.158, 324.183 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, 33.158, 324.183 by changing the saturation by 10% instead.


 65, 33.158,
324.183


 65, 33.158,
324.183


 100, 33.158,
324.183


 55, 33.158,
324.183


 85, 33.158,
324.183

 45, 33.158,
324.183

 95, 33.158,
324.183

 35, 33.158,
324.183

 25, 33.158,
324.183

 15, 33.158,
324.183

 5, 33.158, 324.183

 0, 33.158, 324.183

65, 33.158,
324.183

65, 33.158,
324.183

60, 45.523,
324.665

70, 20.578,
323.678

56, 57.355,
325.106

75, 8.020, 323.153

80, 4.365, 142.736

53, 68.233,
325.485

85, 16.480,
142.209

49, 77.667,
325.778

90, 28.270,
141.737

47, 85.166,
325.964

95, 38.231,
141.288

45, 90.367,
326.026


95, 38.007,
140.822

44, 93.211,
325.959

95, 37.784,
140.349

44, 93.947,

325.921

 95, 37.564,
139.869

Harmonies

Complementary

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



65, 33.158, 324.183



74, 33.050, 141.226

Rectangle

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



65, 33.158, 324.183



65, 33.158, 14.183



65, 33.158, 144.183



65, 33.158, 194.183

Sweetspot

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



65, 33.156, 324.183



93, 12.299, 323.244



62, 26.768, 290.637



49, 8.748, 323.325



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, 33.156, 324.183



79, 49.454, 324.479



65, 25.063, 342.433



38, 7.095, 323.310



36, 82.068, 325.952



4, 23.488, 323.799

Inverse Universe

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



64, 20.673, 16.929



77, 31.491, 17.726



74, 24.494, 157.948



38, 4.194, 15.156



33, 71.441, 37.300



3, 14.032, 16.190

Previews

White Background



This preview shows how the CIELCh color 65, 33.158, 324.183 looks on a white background.

Color Contrast Check

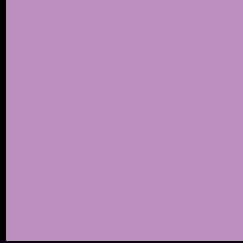
Large Text (above 18pt) WCAG AA × Fail

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, 33.158, 324.183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

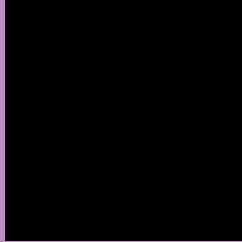
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 33.158, 324.183

Background



This preview shows how black text looks on a background with the CIELCh color 65, 33.158, 324.183.



This preview shows how white text looks on a background with the CIELCh color 65, 33.158, 324.183.

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, 33.158, 324.183

Protanopia

65, 26.239, 285.665

Deuteranopia

65, 20.101, 295.255



Tritanopia
65, 15.841, 356.280

Trichromacy



Original Color
65, 33.158, 324.183

Protanomaly
65, 27.093, 300.916

Deuteranomaly
65, 23.914, 308.828

Tritanomaly
65, 21.169, 338.721

Monochromacy



Original Color
65, 33.158, 324.183

Achromatopsia
67, 0.008, 296.813

Achromatomaly
66, 11.892, 323.453

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 33.158, 324.183 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(190, 142, 193)` looks like.

```
.text, #text, p{  
    color:rgb(190, 142, 193)  
}
```

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(190, 142, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 142, 193) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 33.158, 324.183 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(190, 142, 193) }
```

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

```
.border{ border-color:rgb(190, 142, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 142, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 142, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 142, 193);  
box-shadow:4px 4px 4px 4px rgb(190, 142,  
193) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 33.158, 324.183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 142, 193) }
```

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

```
.background{ background-color: rgb(190,  
142, 193) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor