

Converting Colors

CIELCh(65, 38.566, 332.909)

Have a look what the booklet for
CIELCh(65, 38.566, 332.909)
contains.

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Color

CIELCh(65, 38.534, 332.898)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | CC88BE |
| RGB | 204, 136, 190 |
| RGB Percent | 80%, 53%, 75% |
| CMY | 0.2010, 0.4676, 0.2559 |
| CMYK | 0.00, 0.33, 0.07, 0.20 |
| HSL | 312°, 40%, 67% |
| HSV | 312°, 33%, 80% |
| XYZ | 42.8670, 34.0472, 52.8827 |
| YIQ | 162.4880, 23.1940, 31.2100 |

Conversions

Conversions Part 2

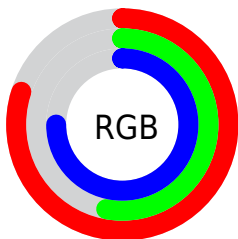
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 204, 136, 190 |
| Decimal | 13404350 |
| CIE _{Lab} | 65.00, 34.30, -17.56 |
| CIE _{LCh} | 65, 38.534, 332.898 |
| Yxy | 34.0472, 0.3303, 0.2623 |
| Android (android.graphics.Color) | 4291594430 (0xFFCC88BE) |
| YUV | 162.4880, 13.5634, 36.4060 |
| Hunter-Lab | 58.3500, 29.0233, -12.8897 |

Details

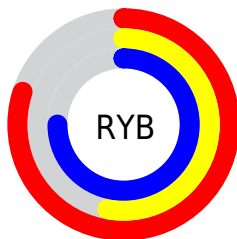
The CIELCh color $65, 38.534, 332.898$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $76, 38.363, 148.126$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 37.090, 330.013$, and $45, 38.609, 332.800$ is the 20% darker color. If you saturate the color by 10%, you get $60, 49.583, 333.604$, and if you desaturate by 10%, it is $70, 27.043, 332.215$.

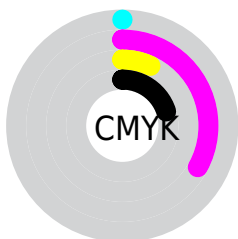
Distribution



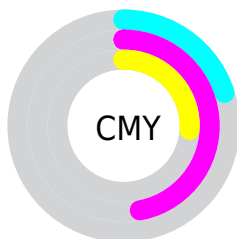
- Red (80%)
- Green (53%)
- Blue (75%)



- Red (80%)
- Yellow (53%)
- Blue (75%)



- Cyan (0%)
- Magenta (33%)
- Yellow (7%)
- Black (20%)





- Cyan (20%)
- Magenta (47%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 38.534, 332.898 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, 38.534, 332.898 by changing the saturation by 10% instead.

 65, 38.534,
332.898


 65, 38.534,
332.898


 100, 38.534,
332.898


 55, 38.534,
332.898


 85, 38.534,
332.898

 45, 38.534,
332.898

 95, 38.534,
332.898

 35, 38.534,
332.898

 25, 38.534,
332.898

 15, 38.534,
332.898

 5, 38.534, 332.898

 0, 38.534, 332.898

65, 38.534,
332.898

65, 38.534,
332.898

60, 49.583,
333.604

70, 27.043,
332.215

56, 59.792,
334.337

75, 15.416,
331.551

53, 68.666,
335.106

80, 3.858, 330.859

50, 75.682,
335.928

86, 7.501, 150.380

48, 80.403,
336.831

91, 18.584,
149.779


47, 82.644,
337.854

96, 27.537,
149.723

46, 83.121,
338.598

96, 25.908,
152.752

96, 24.350,
156.159

 96, 22.877,
160.001

Harmonies

Complementary

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



65, 38.534, 332.898



76, 38.363, 148.126

Rectangle

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



65, 38.534, 332.898



65, 38.534, 22.898



65, 38.534, 152.898



65, 38.534, 202.898

Sweetspot

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



65, 38.531, 332.898



94, 13.812, 331.338



60, 38.789, 300.824



49, 9.432, 331.432



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, 38.531, 332.898



76, 55.079, 333.401



64, 28.852, 359.750



40, 6.534, 331.289



37, 71.461, 338.412



5, 24.539, 335.663

Inverse Universe

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



65, 38.531, 332.898



76, 55.079, 333.401



77, 26.131, 172.631



40, 6.534, 331.289



37, 71.461, 338.412



5, 24.539, 335.663

Previews

White Background



This preview shows how the CIELCh color 65, 38.534, 332.898 looks on a white background.

Color Contrast Check

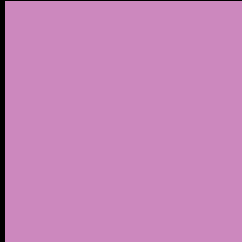
Large Text (above 18pt) WCAG AA × Fail

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, 38.534, 332.898 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

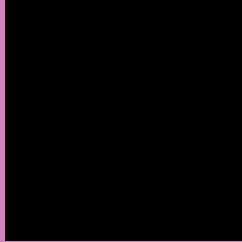
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 38.534, 332.898

Background



This preview shows how black text looks on a background with the CIELCh color 65, 38.534, 332.898.



This preview shows how white text looks on a background with the CIELCh color 65, 38.534, 332.898.

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





Tritanopia
65, 22.970, 6.580

Trichromacy



Original Color
65, 38.534, 332.898

Protanomaly
65, 28.665, 305.512

Deuteranomaly
65, 24.710, 317.421

Tritanomaly
65, 27.644, 349.868

Monochromacy



Original Color
65, 38.534, 332.898

Achromatopsia
67, 0.008, 296.813

Achromatomaly
66, 14.594, 331.383

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 38.534, 332.898 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(204, 136, 190)` looks like.

```
.text, #text, p{  
    color:rgb(204, 136, 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(204, 136, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 136, 190) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 38.534, 332.898 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(204, 136, 190) }
```

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

```
.border{ border-color:rgb(204, 136, 190) }
```

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

Here you see how a box with a 4 pixel rgb(204, 136, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 136, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 136, 190);  
box-shadow:4px 4px 4px 4px rgb(204, 136,  
190) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 38.534, 332.898 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 136, 190) }
```

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

```
.background{ background-color: rgb(204,  
136, 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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