

Converting Colors

CIELCh(65, 17.021, 351.369)

Have a look what the booklet for
CIELCh(65, 17.021, 351.369)
contains.

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Color

CIELCh(65, 17.465, 350.772)

Conversions

Conversions Part 1

Format	Color
Hex	BA93A3
RGB	186, 147, 163
RGB Percent	73%, 58%, 64%
CMY	0.2698, 0.4227, 0.3600
CMYK	0.00, 0.21, 0.12, 0.27
HSL	335°, 22%, 65%
HSV	335°, 21%, 73%
XYZ	37.3949, 34.0472, 39.3470
YIQ	160.4850, 18.1080, 13.2440

Conversions

Conversions Part 2

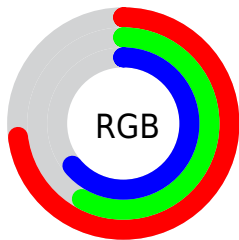
Format	Color
R_{YB}	186, 147, 163
Decimal	12227491
CIE Lab	65.00, 17.24, -2.80
CIE LCh	65, 17.465, 350.772
Yxy	34.0472, 0.3375, 0.3073
Android (android.graphics.Color)	4290417571 (0xFFBA93A3)
YUV	160.4850, 1.2399, 22.3767
Hunter-Lab	58.3500, 12.2834, 0.8641

Details

The CIELCh color $65, 17.465, 350.772$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $72, 16.795, 166.877$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 17.439, 350.099$, and $45, 17.329, 351.001$ is the 20% darker color. If you saturate the color by 10%, you get $60, 26.042, 351.950$, and if you desaturate by 10%, it is $70, 9.004, 349.733$.

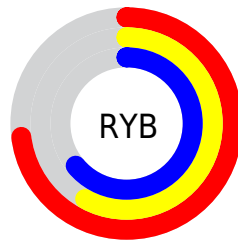
Distribution



Red (73%)

Green (58%)

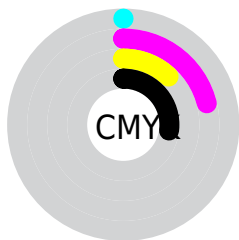
Blue (64%)



Red (73%)

Yellow (58%)

Blue (64%)

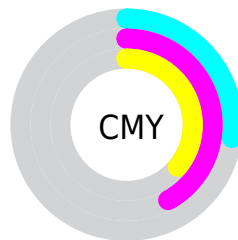


Cyan (0%)

Magenta (21%)

Yellow (12%)

Black (27%)



Cyan (27%)


Magenta (42%)


Yellow (36%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 17.465, 350.772 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, 17.465, 350.772 by changing the saturation by 10% instead.

 65, 17.465,
350.772


 65, 17.465,
350.772


 100, 17.465,
350.772


 55, 17.465,
350.772


 85, 17.465,
350.772

 45, 17.465,
350.772

 95, 17.465,
350.772

 35, 17.465,
350.772

 25, 17.465,
350.772

 15, 17.465,
350.772

 5, 17.465, 350.772

 0, 17.465, 350.772

65, 17.465,
350.772

65, 17.465,
350.772

60, 26.042,
351.950

70, 9.004, 349.733

56, 34.565,
353.316

75, 0.771, 348.336

80, 7.180, 168.122

51, 42.762,
354.944

86, 14.829,
167.357

48, 50.274,
356.929

91, 22.174,
166.677

45, 56.680,
359.406

95, 27.069,
168.246

42, 61.605, 2.540

95, 24.279,
179.429

40, 64.880, 6.500

96, 22.528,
192.845

■ 96, 22.208,
198.049

Harmonies

Complementary

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



65, 17.465, 350.772



72, 16.795, 166.877

Rectangle

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



65, 17.465, 350.772



65, 17.465, 40.772



65, 17.465, 170.772



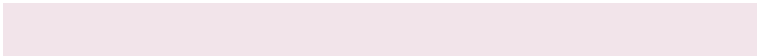
65, 17.465, 220.772

Sweetspot

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



65, 17.463, 350.775



92, 6.067, 349.245



64, 23.358, 312.829



49, 4.061, 349.312



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, 17.463, 350.775



80, 25.933, 351.280



65, 14.506, 27.777



37, 4.701, 349.575



33, 59.182, 10.007



3, 13.349, 356.774

Inverse Universe

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



65, 17.463, 350.775



80, 25.933, 351.280



72, 12.594, 206.585



37, 4.701, 349.575



33, 59.182, 10.007



3, 13.349, 356.774

Previews

White Background



This preview shows how the CIELCh color 65, 17.465, 350.772 looks on a white background.

Color Contrast Check

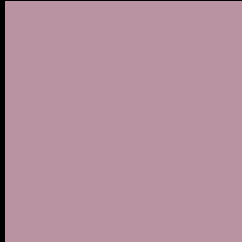
Large Text (above 18pt) WCAG AA × Fail

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, 17.465, 350.772 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

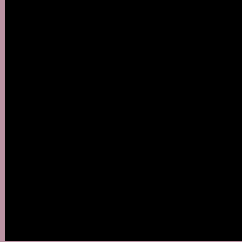
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 17.465, 350.772

Background



This preview shows how black text looks on a background with the CIELCh color 65, 17.465, 350.772.



This preview shows how white text looks on a background with the CIELCh color 65, 17.465, 350.772.

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, 17.465, 350.772

Protanopia
65, 6.691, 294.066

Deuteranopia
65, 8.548, 344.479



Tritanopia
65, 16.013, 358.753

Trichromacy



Original Color
65, 17.465, 350.772

Protanomaly
65, 9.677, 326.756

Deuteranomaly
65, 11.745, 349.316

Tritanomaly
65, 16.404, 355.127

Monochromacy



Original Color
65, 17.465, 350.772

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 6.335, 348.345

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 17.465, 350.772 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(186, 147, 163)` looks like.

```
.text, #text, p{  
    color:rgb(186, 147, 163)  
}
```

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(186, 147, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 147, 163) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 17.465, 350.772 is called "border". The border property can be set on classes, ids or directly on the HTML element.

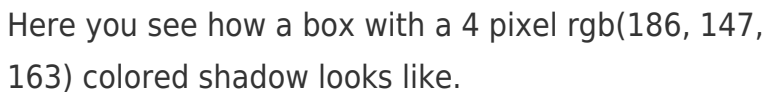
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(186, 147, 163) }
```

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

```
.border{ border-color:rgb(186, 147, 163) }
```

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



Here you see how a box with a 4 pixel `rgb(186, 147, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(186, 147, 163); -webkit-box-shadow:4px 4px 4px 4px rgb(186, 147, 163); box-shadow:4px 4px 4px 4px rgb(186, 147, 163) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 17.465, 350.772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 147, 163) }
```

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

```
.background{ background-color: rgb(186,  
147, 163) }
```

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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