

Converting Colors

CIELCh(66, 14.950, 330.888)

Have a look what the booklet for
CIELCh(66, 14.950, 330.888)
contains.

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Color

CIELCh(66, 14.995, 329.992)

Conversions

Conversions Part 1

Format	Color
Hex	B299AE
RGB	178, 153, 174
RGB Percent	70%, 60%, 68%
CMY	0.3018, 0.3998, 0.3175
CMYK	0.00, 0.14, 0.02, 0.30
HSL	310°, 14%, 65%
HSV	310°, 14%, 70%
XYZ	37.4122, 35.3238, 44.9125
YIQ	162.8690, 8.1590, 11.8310

Conversions

Conversions Part 2

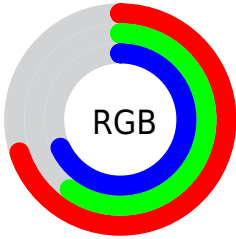
Format	Color
RYB	178, 153, 174
Decimal	11704750
CIELab	66.00, 12.99, -7.50
CIELCh	66, 14.995, 329.992
Yxy	35.3238, 0.3180, 0.3002
Android (android.graphics.Color)	4289894830 (0xFFB299AE)
YUV	162.8690, 5.4876, 13.2699
Hunter-Lab	59.4338, 8.3523, -3.2001

Details

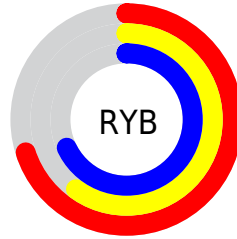
The CIELCh color $66, 14.995, 329.992$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $70, 14.953, 148.280$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $86, 15.097, 330.708$, and $46, 15.046, 329.248$ is the 20% darker color. If you saturate the color by 10%, you get $61, 25.742, 330.618$, and if you desaturate by 10%, it is $71, 4.289, 329.347$.

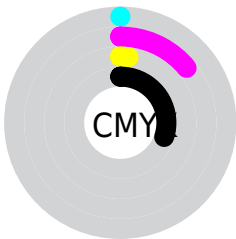
Distribution



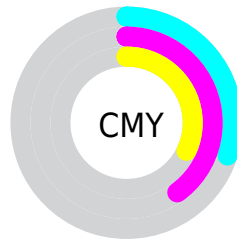
- Red (70%)
- Green (60%)
- Blue (68%)



- Red (70%)
- Yellow (60%)
- Blue (68%)



- Cyan (0%)
- Magenta (14%)
- Yellow (2%)
- Black (30%)




- Cyan (30%)
- Magenta (40%)
- Yellow (32%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 14.995, 329.992 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 66, 14.995, 329.992 by changing the saturation by 10% instead.


 66, 14.995,
329.992


 66, 14.995,
329.992


 100, 14.995,
329.992


 56, 14.995,
329.992


 86, 14.995,
329.992

 46, 14.995,
329.992

 96, 14.995,
329.992

 36, 14.995,
329.992

 26, 14.995,
329.992

 16, 14.995,
329.992

 6, 14.995, 329.992

 0, 14.995, 329.992

66, 14.995,
329.992

66, 14.995,
329.992

61, 25.742,
330.618

71, 4.289, 329.347

57, 36.344,
331.252

75, 6.244, 148.874

53, 46.525,
331.893

80, 16.533,
148.290

50, 55.922,
332.540

85, 26.537,
147.753

47, 64.096,
333.196

90, 36.240,
147.245

44, 70.589,
333.866

94, 42.783,
147.219

42, 75.027,
334.567


94, 41.636,
148.444

41, 77.255,

94, 40.503,
149.734

335.324

 94, 39.385,
151.092

 41, 77.917,
335.797

Harmonies

Complementary

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



66, 14.995, 329.992



70, 14.953, 148.280

Rectangle

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



66, 14.995, 329.992



66, 14.995, 19.992



66, 14.995, 149.992



66, 14.995, 199.992

Sweetspot

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



66, 14.993, 329.993



90, 5.267, 329.349



64, 14.041, 297.183



48, 3.775, 329.403



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



66, 14.993, 329.993



82, 22.547, 330.195



66, 10.810, 353.886



35, 6.044, 329.698



35, 69.778, 335.691



2, 13.837, 331.602

Inverse Universe

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



66, 14.993, 329.993



82, 22.547, 330.195



71, 10.458, 171.342



35, 6.044, 329.698



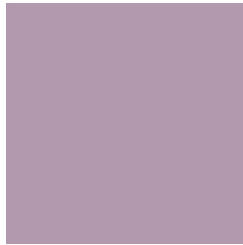
35, 69.778, 335.691



2, 13.837, 331.602

Previews

White Background



This preview shows how the CIELCh color 66, 14.995, 329.992 looks on a white background.

Color Contrast Check

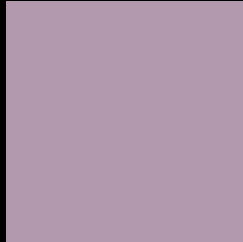
Large Text (above 18pt) WCAG AA × Fail

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 66, 14.995, 329.992 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

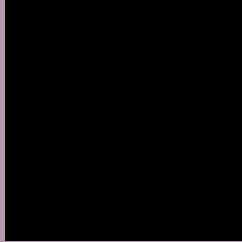
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 14.995, 329.992

Background



This preview shows how black text looks on a background with the CIELCh color 66, 14.995, 329.992.



This preview shows how white text looks on a background with the CIELCh color 66, 14.995, 329.992.

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

66, 14.995, 329.992

Protanopia

66, 10.540, 289.311

Deuteranopia

66, 10.834, 319.928



Tritanopia
66, 11.042, 343.533

Trichromacy



Original Color
66, 14.995, 329.992

Protanomaly
66, 11.528, 306.065

Deuteranomaly
66, 12.097, 324.984

Tritanomaly
66, 12.083, 337.189

Monochromacy



Original Color
66, 14.995, 329.992

Achromatopsia
67, 0.008, 296.813

Achromatomaly
66, 5.618, 327.872

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 14.995, 329.992 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(178, 153, 174)` looks like.

```
.text, #text, p{  
    color:rgb(178, 153, 174)  
}
```

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(178, 153, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 153, 174) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 14.995, 329.992 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(178, 153, 174) }
```

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

```
.border{ border-color:rgb(178, 153, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 153, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 153, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 153, 174);  
box-shadow:4px 4px 4px 4px rgb(178, 153,  
174) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 14.995, 329.992 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 153, 174) }
```

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

```
.background{ background-color: rgb(178,  
153, 174) }
```

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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