

Converting Colors

CIELCh(65, 36.497, 303.181)

Have a look what the booklet for
CIELCh(65, 36.497, 303.181)
contains.

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Color

CIELCh(65, 36.264, 303.228)

Conversions

Conversions Part 1

Format	Color
Hex	A694D4
RGB	166, 148, 212
RGB Percent	65%, 58%, 83%
CMY	0.3490, 0.4195, 0.1686
CMYK	0.22, 0.30, 0.00, 0.17
HSL	257°, 43%, 71%
HSV	257°, 30%, 83%
XYZ	38.2069, 34.0472, 66.8558
YIQ	160.6780, -9.8160, 23.7200

Conversions

Conversions Part 2

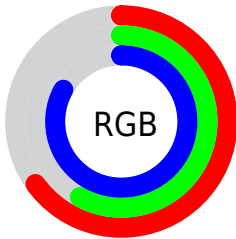
Format	Color
R _Y B	166, 148, 212
Decimal	10917076
CIE Lab	65.00, 19.87, -30.33
CIE LCh	65, 36.264, 303.228
Yxy	34.0472, 0.2747, 0.2448
Android (android.graphics.Color)	4289107156 (0xFFA694D4)
YUV	160.6780, 25.3017, 4.6674
Hunter-Lab	58.3500, 14.7673, -27.0879

Details

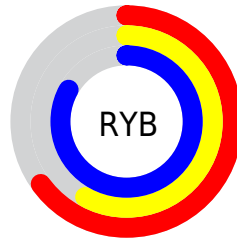
The CIELCh color $65, 36.264, 303.228$ is a light color, and the websafe version is hex `9999CC`. A complement of this color would be $82, 34.079, 119.291$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 28.879, 305.849$, and $45, 36.350, 303.393$ is the 20% darker color. If you saturate the color by 10%, you get $58, 49.085, 304.116$, and if you desaturate by 10%, it is $72, 23.825, 302.428$.

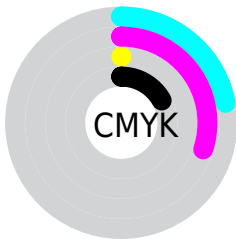
Distribution



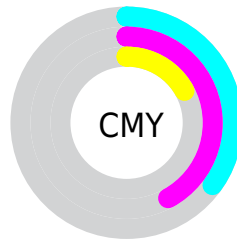
- Red (65%)
- Green (58%)
- Blue (83%)



- Red (65%)
- Yellow (58%)
- Blue (83%)



- Cyan (22%)
- Magenta (30%)
- Yellow (0%)
- Black (17%)





- Cyan (35%)
- Magenta (42%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 36.264, 303.228 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, 36.264, 303.228 by changing the saturation by 10% instead.

 65, 36.264,
303.228


 65, 36.264,
303.228


 100, 36.264,
303.228


 55, 36.264,
303.228


 85, 36.264,
303.228

 45, 36.264,
303.228

 95, 36.264,
303.228

 35, 36.264,
303.228

 25, 36.264,
303.228

 15, 36.264,
303.228

 5, 36.264, 303.228

 0, 36.264, 303.228

65, 36.264,
303.228

65, 36.264,
303.228

58, 49.085,
304.116

72, 23.825,
302.428

52, 62.184,
305.074

78, 11.810,
301.720

46, 75.307,
306.061

85, 0.221, 300.910

40, 87.959,
306.991

91, 10.954,
120.573

35, 99.268,
307.727

98, 21.737,
120.107

31, 107.996,
308.082

99, 21.716,
108.533

29, 113.450,
308.012

Harmonies

Complementary

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



65, 36.264, 303.228



82, 34.079, 119.291

Rectangle

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



65, 36.264, 303.228



65, 36.264, 353.228



65, 36.264, 123.228



65, 36.264, 173.228

Sweetspot

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



65, 36.262, 303.228



93, 12.098, 301.648



76, 17.680, 229.945



49, 8.428, 301.745



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, 36.262, 303.228



72, 50.765, 303.768



68, 39.181, 319.116



41, 6.627, 301.670



22, 96.428, 308.141



2, 28.021, 301.065

Inverse Universe

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



69, 34.233, 335.673



78, 47.283, 336.165



80, 38.539, 136.269



42, 6.446, 334.138



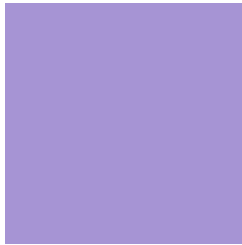
38, 69.289, 343.410



6, 26.817, 340.039

Previews

White Background



This preview shows how the CIELCh color 65, 36.264, 303.228 looks on a white background.

Color Contrast Check

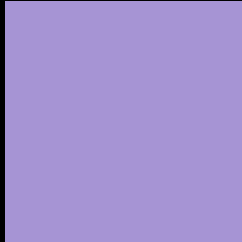
Large Text (above 18pt) WCAG AA × Fail

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, 36.264, 303.228 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

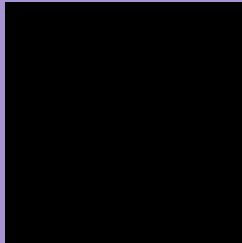
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 36.264, 303.228

Background



This preview shows how black text looks on a background with the CIELCh color 65, 36.264, 303.228.



This preview shows how white text looks on a background with the CIELCh color 65, 36.264, 303.228.

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, 36.264, 303.228

Protanopia

65, 34.649, 284.948

Deuteranopia

65, 31.227, 286.911



Tritanopia
65, 7.287, 296.788

Trichromacy



Original Color
65, 36.264, 303.228

Protanomaly
65, 35.034, 291.686

Deuteranomaly
65, 32.862, 293.558

Tritanomaly
65, 18.112, 301.085

Monochromacy



Original Color
65, 36.264, 303.228

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 13.621, 302.301

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 36.264, 303.228 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(166, 148, 212)` looks like.

```
.text, #text, p{  
    color:rgb(166, 148, 212)  
}
```

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(166, 148, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 148, 212) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 36.264, 303.228 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(166, 148, 212) }
```

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

```
.border{ border-color:rgb(166, 148, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 148, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 148, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 148, 212);  
box-shadow:4px 4px 4px 4px rgb(166, 148,  
212) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 36.264, 303.228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 148, 212) }
```

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

```
.background{ background-color: rgb(166,  
148, 212) }
```

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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