

Converting Colors

CIELCh(64, 35.258, 308.913)

Have a look what the booklet for
CIELCh(64, 35.258, 308.913)
contains.

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Color

CIELCh(64, 35.526, 309.158)

Conversions

Conversions Part 1

Format	Color
Hex	AB8FCC
RGB	171, 143, 204
RGB Percent	67%, 56%, 80%
CMY	0.3282, 0.4380, 0.1988
CMYK	0.16, 0.30, 0.00, 0.20
HSL	268°, 38%, 68%
HSV	268°, 30%, 80%
XYZ	37.6662, 32.8017, 61.6726
YIQ	158.3260, -2.8930, 24.9070

Conversions

Conversions Part 2

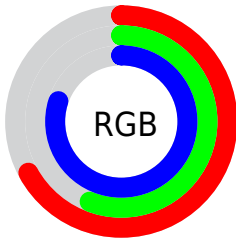
Format	Color
R_{YB}	171, 143, 204
Decimal	11243468
CIE _{Lab}	64.00, 22.43, -27.55
CIE _{LCh}	64, 35.526, 309.158
Yxy	32.8017, 0.2850, 0.2482
Android (android.graphics.Color)	4289433548 (0xFFAB8FCC)
YUV	158.3260, 22.5173, 11.1151
Hunter-Lab	57.2727, 17.1658, -23.7539

Details

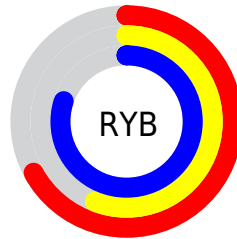
The CIELCh color $64, 35.526, 309.158$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $79, 33.940, 126.202$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 32.413, 310.735$, and $44, 36.043, 309.274$ is the 20% darker color. If you saturate the color by 10%, you get $58, 47.963, 309.747$, and if you desaturate by 10%, it is $70, 23.310, 308.597$.

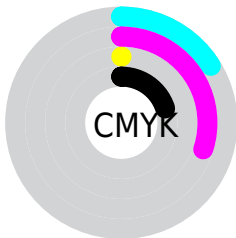
Distribution



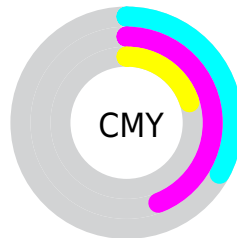
- Red (67%)
- Green (56%)
- Blue (80%)



- Red (67%)
- Yellow (56%)
- Blue (80%)



- Cyan (16%)
- Magenta (30%)
- Yellow (0%)
- Black (20%)





- Cyan (33%)
- Magenta (44%)
- Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 64, 35.526, 309.158 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 64, 35.526, 309.158 by changing the saturation by 10% instead.

 64, 35.526,
309.158


 64, 35.526,
309.158


 100, 35.526,
309.158


 54, 35.526,
309.158


 84, 35.526,
309.158

 44, 35.526,
309.158

 94, 35.526,
309.158

 34, 35.526,
309.158

 24, 35.526,
309.158

 14, 35.526,
309.158

 4, 35.526, 309.158

 0, 35.526, 309.158

64, 35.526,
309.158

64, 35.526,
309.158

58, 47.963,
309.747

70, 23.310,
308.597

52, 60.455,
310.339

76, 11.407,
308.077

47, 72.694,
310.889

82, 0.145, 128.352

42, 84.171,
311.326

88, 11.335,
127.213

37, 94.140,
311.545

94, 22.167,
126.841

34, 101.691,
311.422

98, 26.459,
122.316

31, 106.544,
310.937

98, 25.707,
113.509

31, 106.606,

99, 25.576,
108.237

Harmonies

Complementary

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



64, 35.526, 309.158



79, 33.940, 126.202

Rectangle

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



64, 35.526, 309.158



64, 35.526, 359.158



64, 35.526, 129.158



64, 35.526, 179.158

Sweetspot

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



64, 35.524, 309.158



93, 12.445, 308.040



71, 18.321, 254.285



49, 8.666, 308.114



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



64, 35.524, 309.158



74, 51.664, 309.545



67, 39.318, 324.615



40, 6.547, 308.054



25, 91.099, 311.097



2, 24.361, 305.154

Inverse Universe

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



66, 29.213, 344.145



77, 42.139, 344.859



77, 39.212, 141.171



40, 5.461, 342.218



36, 62.015, 357.828



4, 20.361, 350.945

Previews

White Background



This preview shows how the CIELCh color 64, 35.526, 309.158 looks on a white background.

Color Contrast Check

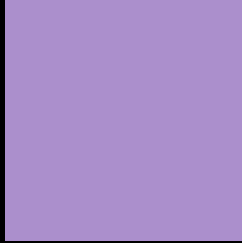
Large Text (above 18pt) WCAG AA × Fail

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 64, 35.526, 309.158 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

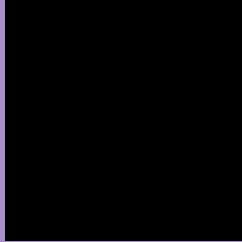
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 35.526, 309.158

Background



This preview shows how black text looks on a background with the CIELCh color 64, 35.526, 309.158.

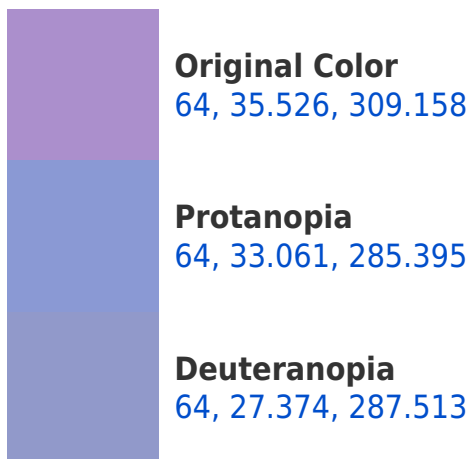



This preview shows how white text looks on a background with the CIELCh color 64, 35.526, 309.158.

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
64, 8.360, 326.997

Trichromacy



Original Color
64, 35.526, 309.158

Protanomaly
64, 33.536, 294.218

Deuteranomaly
64, 30.288, 297.104

Tritanomaly
64, 18.230, 314.283

Monochromacy



Original Color
64, 35.526, 309.158

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 12.854, 308.050

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 35.526, 309.158 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(171, 143, 204)` looks like.

```
.text, #text, p{  
    color:rgb(171, 143, 204)  
}
```

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(171, 143, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 143, 204) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 35.526, 309.158 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(171, 143, 204) }
```

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

```
.border{ border-color:rgb(171, 143, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 143, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 143, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 143, 204);  
box-shadow:4px 4px 4px 4px rgb(171, 143,  
204) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 35.526, 309.158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 143, 204) }
```

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

```
.background{ background-color: rgb(171,  
143, 204) }
```

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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