

Converting Colors

CIELCh(64, 18.689, 325.302)

Have a look what the booklet for
CIELCh(64, 18.689, 325.302)
contains.

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Color

CIELCh(64, 18.844, 325.299)

Conversions

Conversions Part 1

Format	Color
Hex	AE92AE
RGB	174, 146, 174
RGB Percent	68%, 57%, 68%
CMY	0.3160, 0.4258, 0.3160
CMYK	0.00, 0.16, 0.00, 0.32
HSL	300°, 15%, 63%
HSV	300°, 16%, 68%
XYZ	35.5708, 32.8017, 44.7138
YIQ	157.5640, 7.7000, 14.6440

Conversions

Conversions Part 2

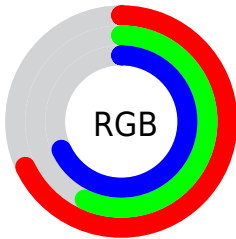
Format	Color
RYB	174, 146, 174
Decimal	11440814
CIELab	64.00, 15.49, -10.73
CIELCh	64, 18.844, 325.299
Yxy	32.8017, 0.3145, 0.2901
Android (android.graphics.Color)	4289630894 (0xFFAE92AE)
YUV	157.5640, 8.1029, 14.4144
Hunter-Lab	57.2727, 10.6348, -6.1978

Details

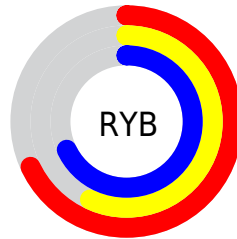
The CIELCh color $64, 18.844, 325.299$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $69, 18.824, 143.471$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 18.717, 326.055$, and $44, 19.202, 324.548$ is the 20% darker color. If you saturate the color by 10%, you get $60, 30.601, 325.838$, and if you desaturate by 10%, it is $68, 7.074, 324.738$.

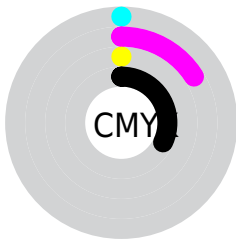
Distribution



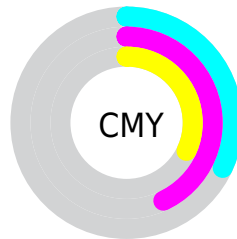
- Red (68%)
- Green (57%)
- Blue (68%)



- Red (68%)
- Yellow (57%)
- Blue (68%)



- Cyan (0%)
- Magenta (16%)
- Yellow (0%)
- Black (32%)



- Cyan (32%)
- Magenta (43%)
- Yellow (32%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 18.844, 325.299 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, 18.844, 325.299 by changing the saturation by 10% instead.

 64, 18.844,
325.299

 64, 18.844,
325.299


 100, 18.844,
325.299

 54, 18.844,
325.299

 84, 18.844,
325.299

 44, 18.844,
325.299

 94, 18.844,
325.299

 34, 18.844,
325.299

 24, 18.844,
325.299

 14, 18.844,
325.299

 4, 18.844, 325.299

 0, 18.844, 325.299

64, 18.844,
325.299

64, 18.844,
325.299

60, 30.601,
325.838

68, 7.074, 324.738

56, 42.125,
326.355

73, 4.547, 144.286

52, 53.102,
326.836

78, 15.921,
143.726

49, 63.145,
327.265

83, 26.991,
143.216

46, 71.811,
327.627

87, 37.728,
142.732

44, 78.682,
327.907

92, 48.121,
142.275


42, 83.461,
328.099


93, 50.422,
142.175

42, 86.132,

93, 50.421,
142.176

328.205

 93, 50.420,
142.176

 41, 86.920,
328.236

Harmonies

Complementary

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



64, 18.844, 325.299



69, 18.824, 143.471

Rectangle

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



64, 18.844, 325.299



64, 18.844, 15.299



64, 18.844, 145.299



64, 18.844, 195.299

Sweetspot

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



64, 18.842, 325.299



87, 7.227, 324.679



62, 15.762, 291.904



46, 4.972, 324.721



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



64, 18.842, 325.299



80, 27.637, 325.477



64, 13.335, 344.991



34, 6.590, 324.925



35, 77.957, 328.236



2, 13.856, 324.442

Inverse Universe

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



64, 18.842, 325.299



80, 27.637, 325.477



69, 13.070, 162.311



34, 6.590, 324.925



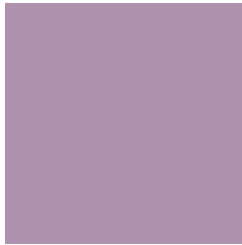
35, 77.957, 328.236



2, 13.856, 324.442

Previews

White Background



This preview shows how the CIELCh color 64, 18.844, 325.299 looks on a white background.

Color Contrast Check

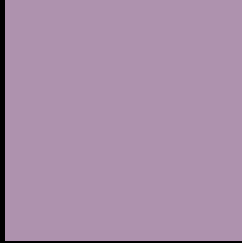
Large Text (above 18pt) WCAG AA × Fail

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, 18.844, 325.299 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, 18.844, 325.299

Background



This preview shows how black text looks on a background with the CIELCh color 64, 18.844, 325.299.



This preview shows how white text looks on a background with the CIELCh color 64, 18.844, 325.299.

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


64, 18.844, 325.299

Protanopia

64, 13.965, 287.270

Deuteranopia

64, 13.525, 308.905



Tritanopia
64, 10.793, 345.950

Trichromacy



Original Color
64, 18.844, 325.299

Protanomaly
64, 14.944, 304.344

Deuteranomaly
64, 15.538, 316.953

Tritanomaly
64, 13.465, 336.089

Monochromacy



Original Color
64, 18.844, 325.299

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 6.770, 324.736

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 18.844, 325.299 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(174, 146, 174)` looks like.

```
.text, #text, p{  
    color:rgb(174, 146, 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(174, 146, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 146, 174) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 18.844, 325.299 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(174, 146, 174) }
```

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

```
.border{ border-color:rgb(174, 146, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 146, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 146, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 146, 174);  
box-shadow:4px 4px 4px 4px rgb(174, 146,  
174) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 18.844, 325.299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 146, 174) }
```

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

```
.background{ background-color: rgb(174,  
146, 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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