

Converting Colors

CIELCh(64, 18.655, 342.247)

Have a look what the booklet for
CIELCh(64, 18.655, 342.247)
contains.

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Color

CIELCh(64, 18.984, 341.287)

Conversions

Conversions Part 1

Format	Color
Hex	B690A6
RGB	182, 144, 166
RGB Percent	71%, 56%, 65%
CMY	0.2849, 0.4340, 0.3477
CMYK	0.00, 0.21, 0.09, 0.28
HSL	325°, 21%, 64%
HSV	325°, 21%, 72%
XYZ	36.3127, 32.8017, 40.6587
YIQ	157.8700, 15.5860, 14.8980

Conversions

Conversions Part 2

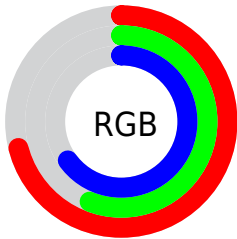
Format	Color
R _Y B	182, 144, 166
Decimal	11964582
CIE Lab	64.00, 17.98, -6.09
CIE LCh	64, 18.984, 341.287
Yxy	32.8017, 0.3308, 0.2988
Android (android.graphics.Color)	4290154662 (0xFFB690A6)
YUV	157.8700, 4.0081, 21.1620
Hunter-Lab	57.2727, 12.9474, -1.9998

Details

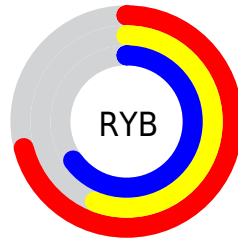
The CIELCh color $64, 18.984, 341.287$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $71, 18.657, 157.930$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 18.904, 341.153$, and $44, 19.262, 341.634$ is the 20% darker color. If you saturate the color by 10%, you get $59, 28.180, 342.219$, and if you desaturate by 10%, it is $69, 9.798, 340.432$.

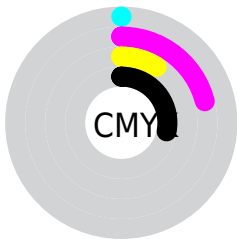
Distribution



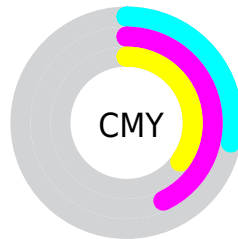
- Red (71%)
- Green (56%)
- Blue (65%)



- Red (71%)
- Yellow (56%)
- Blue (65%)



- Cyan (0%)
- Magenta (21%)
- Yellow (9%)
- Black (28%)



- Cyan (28%)
- Magenta (43%)
- Yellow (35%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 18.984, 341.287 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, 18.984, 341.287 by changing the saturation by 10% instead.

 64, 18.984,
341.287

 64, 18.984,
341.287

 100, 18.984,
341.287

 54, 18.984,
341.287


 84, 18.984,
341.287

 44, 18.984,
341.287

 94, 18.984,
341.287

 34, 18.984,
341.287

 24, 18.984,
341.287

 14, 18.984,
341.287

 4, 18.984, 341.287

 0, 18.984, 341.287

64, 18.984,
341.287

64, 18.984,
341.287

59, 28.180,
342.219

69, 9.798, 340.432

55, 37.182,
343.255

74, 0.761, 339.234

79, 8.050, 159.032

51, 45.688,
344.433

84, 16.596,
158.350

47, 53.300,
345.804

89, 24.862,
157.730

44, 59.561,
347.443

94, 32.850,
157.156

42, 64.043,
349.456


95, 30.906,
162.036

41, 66.497,
351.968

95, 28.495,
168.186

40, 67.352,

354.707

 95, 26.424,
175.347

Harmonies

Complementary

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



64, 18.984, 341.287



71, 18.657, 157.930

Rectangle

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



64, 18.984, 341.287



64, 18.984, 31.287



64, 18.984, 161.287



64, 18.984, 211.287

Sweetspot

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



64, 18.982, 341.289



90, 6.679, 340.030



62, 22.174, 307.186



48, 4.469, 340.086



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



64, 18.982, 341.289



79, 28.246, 341.703



63, 15.288, 14.352



36, 5.139, 340.306



33, 60.014, 354.256



3, 12.822, 346.236

Inverse Universe

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



64, 18.982, 341.289



79, 28.246, 341.703



71, 13.638, 191.017



36, 5.139, 340.306



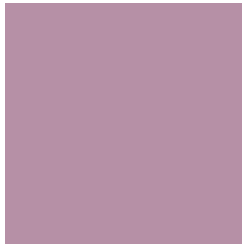
33, 60.014, 354.256



3, 12.822, 346.236

Previews

White Background



This preview shows how the CIELCh color 64, 18.984, 341.287 looks on a white background.

Color Contrast Check

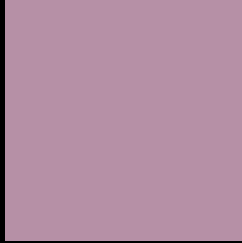
Large Text (above 18pt) WCAG AA × Fail

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, 18.984, 341.287 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

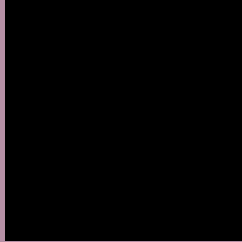
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 18.984, 341.287

Background



This preview shows how black text looks on a background with the CIELCh color 64, 18.984, 341.287.



This preview shows how white text looks on a background with the CIELCh color 64, 18.984, 341.287.

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, 18.984, 341.287

Protanopia

64, 10.044, 289.173

Deuteranopia

64, 9.699, 326.762



Tritanopia
64, 14.957, 356.888

Trichromacy



Original Color
64, 18.984, 341.287

Protanomaly
64, 12.389, 316.207

Deuteranomaly
64, 12.530, 335.351

Tritanomaly
64, 16.241, 350.253

Monochromacy



Original Color
64, 18.984, 341.287

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 6.996, 340.585

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 18.984, 341.287 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(182, 144, 166)` looks like.

```
.text, #text, p{  
    color:rgb(182, 144, 166)  
}
```

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(182, 144, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 144, 166) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 18.984, 341.287 is called "border". The border property can be set on classes, ids or directly on the HTML element.

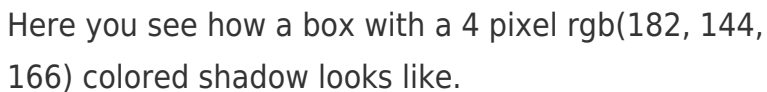
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(182, 144, 166) }
```

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

```
.border{ border-color:rgb(182, 144, 166) }
```

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



Here you see how a box with a 4 pixel `rgb(182, 144, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(182, 144, 166); -webkit-box-shadow:4px 4px 4px 4px rgb(182, 144, 166); box-shadow:4px 4px 4px 4px rgb(182, 144, 166) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 18.984, 341.287 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 144, 166) }
```

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

```
.background{ background-color: rgb(182,  
144, 166) }
```

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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