

Converting Colors

CIELCh(64, 32.391, 323.298)

Have a look what the booklet for
CIELCh(64, 32.391, 323.298)
contains.

CIELCh(64, 32.249, 322.974)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(64, 32.249, 322.974)

Conversions

Conversions Part 1

Format	Color
Hex	B98CBE
RGB	185, 140, 190
RGB Percent	73%, 55%, 75%
CMY	0.2744, 0.4509, 0.2548
CMYK	0.03, 0.26, 0.00, 0.25
HSL	294°, 28%, 65%
HSV	294°, 26%, 75%
XYZ	38.6948, 32.8017, 53.0244
YIQ	159.1550, 10.7700, 25.0900

Conversions

Conversions Part 2

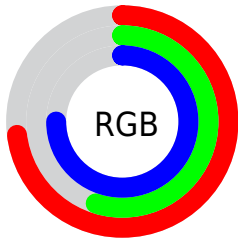
Format	Color
RYB	185, 140, 190
Decimal	12160190
CIELab	64.00, 25.75, -19.42
CIELCh	64, 32.249, 322.974
Yxy	32.8017, 0.3107, 0.2634
Android (android.graphics.Color)	4290350270 (0xFFB98CBE)
YUV	159.1550, 15.2066, 22.6661
Hunter-Lab	57.2727, 20.3716, -14.8011

Details

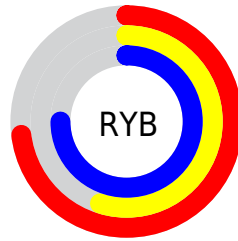
The CIELCh color $64, 32.249, 322.974$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $73, 32.069, 140.187$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 32.125, 323.413$, and $44, 32.647, 322.588$ is the 20% darker color. If you saturate the color by 10%, you get $59, 44.403, 323.435$, and if you desaturate by 10%, it is $69, 19.929, 322.490$.

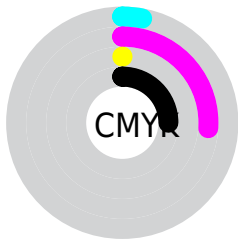
Distribution



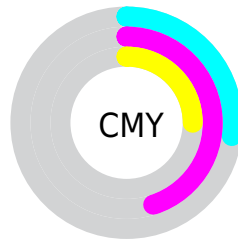
- Red (73%)
- Green (55%)
- Blue (75%)



- Red (73%)
- Yellow (55%)
- Blue (75%)



- Cyan (3%)
- Magenta (26%)
- Yellow (0%)
- Black (25%)




- Cyan (27%)
- Magenta (45%)
- Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 64, 32.249, 322.974 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, 32.249, 322.974 by changing the saturation by 10% instead.

 64, 32.249,
322.974


 64, 32.249,
322.974


 100, 32.249,
322.974


 54, 32.249,
322.974


 84, 32.249,
322.974

 44, 32.249,
322.974

 94, 32.249,
322.974

 34, 32.249,
322.974

 24, 32.249,
322.974

 14, 32.249,
322.974

 4, 32.249, 322.974

 0, 32.249, 322.974

64, 32.249,
322.974

64, 32.249,
322.974

59, 44.403,
323.435

69, 19.929,
322.490

55, 56.098,
323.854

74, 7.661, 321.988

79, 4.421, 141.592

51, 66.930,
324.208

84, 16.232,
141.095

48, 76.416,
324.468

89, 27.727,
140.650

45, 84.051,
324.605

94, 38.883,
140.233

43, 89.431,
324.596


95, 39.082,
139.480

42, 92.444,
324.429

95, 38.720,
138.689

42, 93.265,

324.349

 95, 38.364,
137.878

Harmonies

Complementary

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



64, 32.249, 322.974



73, 32.069, 140.187

Rectangle

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



64, 32.249, 322.974



64, 32.249, 12.974



64, 32.249, 142.974



64, 32.249, 192.974

Sweetspot

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



64, 32.247, 322.974



92, 12.046, 322.083



61, 25.346, 289.130



49, 8.640, 322.160



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



64, 32.247, 322.974



78, 48.552, 323.264



64, 25.188, 340.736



37, 6.855, 322.145



34, 81.384, 324.401



3, 20.426, 321.078

Inverse Universe

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



63, 20.321, 13.717



77, 31.173, 14.567



73, 24.717, 156.425



37, 4.124, 11.851



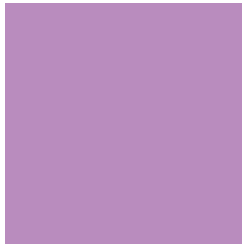
33, 68.932, 35.288



3, 12.330, 13.663

Previews

White Background



This preview shows how the CIELCh color 64, 32.249, 322.974 looks on a white background.

Color Contrast Check

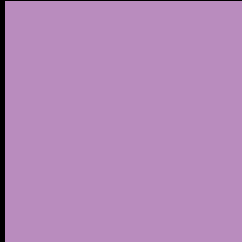
Large Text (above 18pt) WCAG AA × Fail

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 64, 32.249, 322.974 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

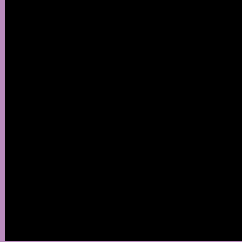
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 32.249, 322.974

Background



This preview shows how black text looks on a background with the CIELCh color 64, 32.249, 322.974.



This preview shows how white text looks on a background with the CIELCh color 64, 32.249, 322.974.

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, 32.249, 322.974

Protanopia

64, 25.785, 284.764

Deuteranopia

64, 20.129, 294.283



Tritanopia
64, 14.597, 356.201

Trichromacy



Original Color
64, 32.249, 322.974

Protanomaly
64, 26.517, 299.591

Deuteranomaly
64, 23.783, 307.169

Tritanomaly
64, 20.035, 337.552

Monochromacy



Original Color
64, 32.249, 322.974

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 11.735, 321.882

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 32.249, 322.974 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(185, 140, 190)` looks like.

```
.text, #text, p{  
    color:rgb(185, 140, 190)  
}
```

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(185, 140, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 140, 190) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 32.249, 322.974 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(185, 140, 190) }
```

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

```
.border{ border-color:rgb(185, 140, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 140, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 140, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 140, 190);  
box-shadow:4px 4px 4px 4px rgb(185, 140,  
190) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 32.249, 322.974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 140, 190) }
```

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

```
.background{ background-color: rgb(185,  
140, 190) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor