

Converting Colors

CIELCh(64, 24.990, 338.259)

Have a look what the booklet for
CIELCh(64, 24.990, 338.259)
contains.

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Color

CIELCh(64, 24.959, 338.473)

Conversions

Conversions Part 1

Format	Color
Hex	BD8DAC
RGB	189, 141, 172
RGB Percent	74%, 55%, 67%
CMY	0.2592, 0.4474, 0.3259
CMYK	0.00, 0.25, 0.09, 0.26
HSL	321°, 27%, 65%
HSV	321°, 25%, 74%
XYZ	37.9082, 32.8017, 43.3127
YIQ	158.8860, 18.6570, 19.8170

Conversions

Conversions Part 2

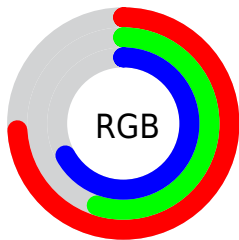
Format	Color
R_{YB}	189, 141, 172
Decimal	12422572
CIE _{Lab}	64.00, 23.22, -9.16
CIE _{LCh}	64, 24.959, 338.473
Yxy	32.8017, 0.3325, 0.2877
Android (android.graphics.Color)	4290612652 (0xFFBD8DAC)
YUV	158.8860, 6.4652, 26.4100
Hunter-Lab	57.2727, 17.9199, -4.7473

Details

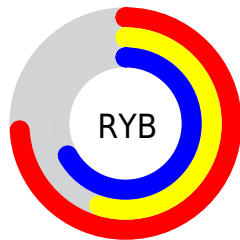
The CIELCh color $64, 24.959, 338.473$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $73, 24.613, 154.517$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 24.887, 338.963$, and $44, 25.239, 338.116$ is the 20% darker color. If you saturate the color by 10%, you get $59, 34.738, 339.348$, and if you desaturate by 10%, it is $69, 15.064, 337.664$.

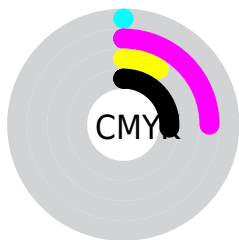
Distribution



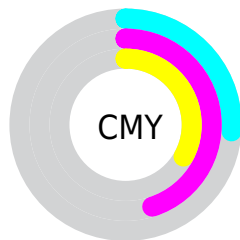
- Red (74%)
- Green (55%)
- Blue (67%)



- Red (74%)
- Yellow (55%)
- Blue (67%)



- Cyan (0%)
- Magenta (25%)
- Yellow (9%)
- Black (26%)



- Cyan (26%)
- Magenta (45%)
- Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 64, 24.959, 338.473 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, 24.959, 338.473 by changing the saturation by 10% instead.

 64, 24.959,
338.473


 64, 24.959,
338.473


 100, 24.959,
338.473


 54, 24.959,
338.473


 84, 24.959,
338.473

 44, 24.959,
338.473

 94, 24.959,
338.473

 34, 24.959,
338.473

 24, 24.959,
338.473

 14, 24.959,
338.473

 4, 24.959, 338.473

 0, 24.959, 338.473

64, 24.959,
338.473

64, 24.959,
338.473

59, 34.738,
339.348

69, 15.064,
337.664

55, 44.135,
340.309

74, 5.243, 336.880

79, 4.392, 156.330

51, 52.777,
341.385

84, 13.776,
155.631

48, 60.206,
342.621

89, 22.878,
155.015

45, 65.939,
344.079

95, 31.689,
154.444

43, 69.589,
345.846


95, 29.709,
158.822

42, 71.039,
348.022

95, 27.471,
164.136

42, 71.320,

349.116

 95, 25.476,
170.301

Harmonies

Complementary

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



64, 24.959, 338.473



73, 24.613, 154.517

Rectangle

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



64, 24.959, 338.473



64, 24.959, 28.473



64, 24.959, 158.473



64, 24.959, 208.473

Sweetspot

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



64, 24.957, 338.474



91, 9.601, 337.098



62, 27.755, 305.183



48, 6.829, 337.216



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



64, 24.957, 338.474



78, 36.386, 338.908



63, 19.574, 9.732



37, 5.511, 337.194



34, 62.682, 348.736



3, 15.383, 342.960

Inverse Universe

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



64, 24.957, 338.474



78, 36.386, 338.908



73, 17.365, 184.987



37, 5.511, 337.194



34, 62.682, 348.736



3, 15.383, 342.960

Previews

White Background



This preview shows how the CIELCh color 64, 24.959, 338.473 looks on a white background.

Color Contrast Check

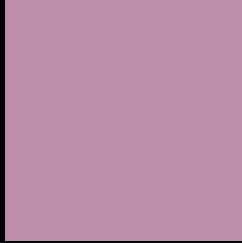
Large Text (above 18pt) WCAG AA × Fail

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, 24.959, 338.473 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

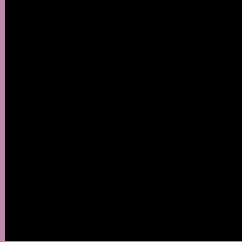
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 24.959, 338.473

Background



This preview shows how black text looks on a background with the CIELCh color 64, 24.959, 338.473.



This preview shows how white text looks on a background with the CIELCh color 64, 24.959, 338.473.

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, 24.959, 338.473

Protanopia

64, 14.520, 287.507

Deuteranopia

64, 11.716, 315.678



Tritanopia
64, 17.954, 1.480

Trichromacy



Original Color
64, 24.959, 338.473

Protanomaly
64, 16.782, 312.194

Deuteranomaly
64, 16.617, 327.414

Tritanomaly
64, 20.067, 351.754

Monochromacy



Original Color
64, 24.959, 338.473

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 9.608, 336.371

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 24.959, 338.473 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(189, 141, 172)` looks like.

```
.text, #text, p{  
    color:rgb(189, 141, 172)  
}
```

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(189, 141, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 141, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 24.959, 338.473 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(189, 141, 172) }
```

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

```
.border{ border-color:rgb(189, 141, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 141, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 141, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 141, 172);  
box-shadow:4px 4px 4px 4px rgb(189, 141,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 24.959, 338.473 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 141, 172) }
```

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

```
.background{ background-color: rgb(189,  
141, 172) }
```

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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