

Converting Colors

CIELCh(64, 22.724, 334.342)

Have a look what the booklet for
CIELCh(64, 22.724, 334.342)
contains.

CIELCh(64, 22.721, 334.530)	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, 22.721, 334.530)

Conversions

Conversions Part 1

Format	Color
Hex	B88FAD
RGB	184, 143, 173
RGB Percent	72%, 56%, 68%
CMY	0.2789, 0.4396, 0.3220
CMYK	0.00, 0.22, 0.06, 0.28
HSL	316°, 22%, 64%
HSV	316°, 22%, 72%
XYZ	37.0784, 32.8017, 43.8560
YIQ	158.6790, 14.8060, 18.0220

Conversions

Conversions Part 2

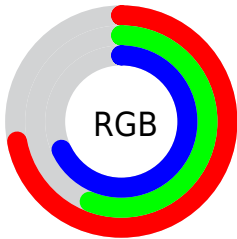
Format	Color
RYB	184, 143, 173
Decimal	12095405
CIELab	64.00, 20.51, -9.77
CIELCh	64, 22.721, 334.530
Yxy	32.8017, 0.3260, 0.2884
Android (android.graphics.Color)	4290285485 (0xFFB88FAD)
YUV	158.6790, 7.0603, 22.2065
Hunter-Lab	57.2727, 15.3338, -5.3097

Details

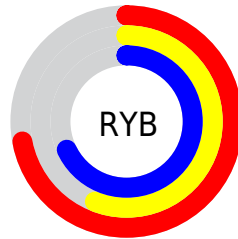
The CIELCh color $64, 22.721, 334.530$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $71, 22.559, 151.393$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 22.469, 334.671$, and $44, 23.198, 334.538$ is the 20% darker color. If you saturate the color by 10%, you get $59, 32.890, 335.273$, and if you desaturate by 10%, it is $69, 12.470, 333.821$.

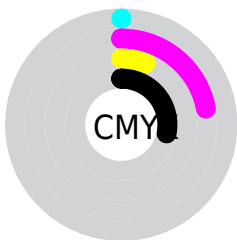
Distribution



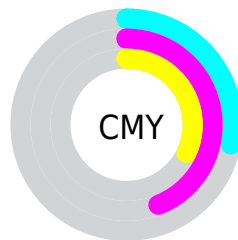
- Red (72%)
- Green (56%)
- Blue (68%)



- Red (72%)
- Yellow (56%)
- Blue (68%)



- Cyan (0%)
- Magenta (22%)
- Yellow (6%)
- Black (28%)




- Cyan (28%)
- Magenta (44%)
- Yellow (32%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 64, 22.721, 334.530 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, 22.721, 334.530 by changing the saturation by 10% instead.

 64, 22.721,
334.530

 64, 22.721,
334.530


 100, 22.721,
334.530


 54, 22.721,
334.530


 84, 22.721,
334.530

 44, 22.721,
334.530

 94, 22.721,
334.530

 34, 22.721,
334.530

 24, 22.721,
334.530

 14, 22.721,
334.530

 4, 22.721, 334.530

 0, 22.721, 334.530

64, 22.721,
334.530

64, 22.721,
334.530

59, 32.890,
335.273

69, 12.470,
333.821

55, 42.733,
336.059

74, 2.311, 333.051

79, 7.652, 152.598

51, 51.902,
336.901

84, 17.360,
151.982

48, 59.965,
337.819

89, 26.784,
151.416

45, 66.443,
338.841

94, 35.916,
150.884

43, 70.914,
340.015


94, 35.063,
153.268

42, 73.153,
341.400

95, 33.226,
156.233

41, 73.736,

342.605

 95, 31.470,
159.521

Harmonies

Complementary

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



64, 22.721, 334.530



71, 22.559, 151.393

Rectangle

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



64, 22.721, 334.530



64, 22.721, 24.530



64, 22.721, 154.530



64, 22.721, 204.530

Sweetspot

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



64, 22.719, 334.531



90, 8.775, 333.456



62, 23.478, 302.062



48, 5.701, 333.499



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, 22.719, 334.531



79, 34.146, 334.909



63, 17.013, 3.035



36, 5.728, 333.614



34, 65.313, 342.368



3, 14.453, 337.566

Inverse Universe

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



64, 22.719, 334.531



79, 34.146, 334.909



72, 15.693, 178.696



36, 5.728, 333.614



34, 65.313, 342.368



3, 14.453, 337.566

Previews

White Background



This preview shows how the CIELCh color 64, 22.721, 334.530 looks on a white background.

Color Contrast Check

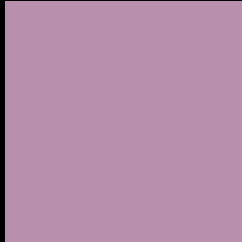
Large Text (above 18pt) WCAG AA × Fail

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, 22.721, 334.530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

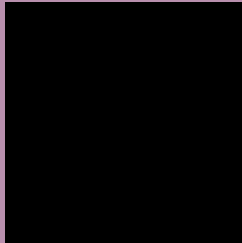
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 22.721, 334.530

Background



This preview shows how black text looks on a background with the CIELCh color 64, 22.721, 334.530.



This preview shows how white text looks on a background with the CIELCh color 64, 22.721, 334.530.

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, 22.721, 334.530

Protanopia

64, 14.520, 287.507

Deuteranopia

64, 12.079, 312.958



Tritanopia
64, 15.320, 357.545

Trichromacy



Original Color
64, 22.721, 334.530

Protanomaly
64, 15.882, 309.118

Deuteranomaly
64, 15.971, 324.027

Tritanomaly
64, 17.716, 346.942

Monochromacy



Original Color
64, 22.721, 334.530

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 8.404, 333.517

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 22.721, 334.530 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(184, 143, 173)` looks like.

```
.text, #text, p{  
    color:rgb(184, 143, 173)  
}
```

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(184, 143, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 143, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 22.721, 334.530 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(184, 143, 173) }
```

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

```
.border{ border-color:rgb(184, 143, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 143, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 143, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 143, 173);  
box-shadow:4px 4px 4px 4px rgb(184, 143,  
173) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 22.721, 334.530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 143, 173) }
```

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

```
.background{ background-color: rgb(184,  
143, 173) }
```

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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