

Converting Colors

CIELCh(64, 24.251, 331.479)

Have a look what the booklet for
CIELCh(64, 24.251, 331.479)
contains.

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Color

CIELCh(64, 24.577, 331.611)

Conversions

Conversions Part 1

Format	Color
Hex	B88EB0
RGB	184, 142, 176
RGB Percent	72%, 56%, 69%
CMY	0.2773, 0.4420, 0.3087
CMYK	0.00, 0.23, 0.04, 0.28
HSL	311°, 23%, 64%
HSV	311°, 23%, 72%
XYZ	37.4170, 32.8017, 45.5834
YIQ	158.4340, 14.1180, 19.4780

Conversions

Conversions Part 2

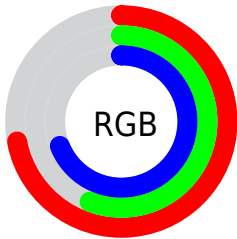
Format	Color
RYB	184, 142, 176
Decimal	12095152
CIELab	64.00, 21.62, -11.69
CIELCh	64, 24.577, 331.611
Yxy	32.8017, 0.3231, 0.2833
Android (android.graphics.Color)	4290285232 (0xFFB88EB0)
YUV	158.4340, 8.6600, 22.4214
Hunter-Lab	57.2727, 16.3889, -7.0980

Details

The CIELCh color $64, 24.577, 331.611$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $71, 24.480, 148.596$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 24.622, 331.034$, and $44, 24.497, 331.631$ is the 20% darker color. If you saturate the color by 10%, you get $60, 35.290, 332.274$, and if you desaturate by 10%, it is $69, 13.745, 330.964$.

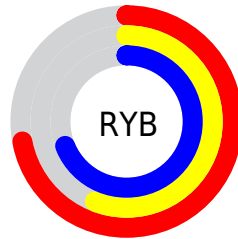
Distribution



Red (72%)

Green (56%)

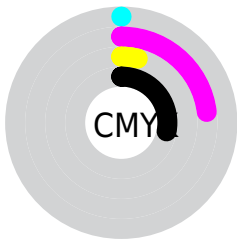
Blue (69%)



Red (72%)

Yellow (56%)

Blue (69%)

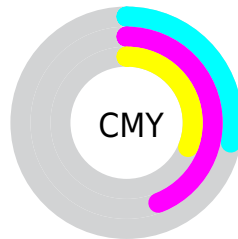


Cyan (0%)

Magenta (23%)

Yellow (4%)

Black (28%)



Cyan (28%)

Magenta (44%)


Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 64, 24.577, 331.611 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, 24.577, 331.611 by changing the saturation by 10% instead.

 64, 24.577,
331.611


 64, 24.577,
331.611


 100, 24.577,
331.611


 54, 24.577,
331.611


 84, 24.577,
331.611

 44, 24.577,
331.611

 94, 24.577,
331.611

 34, 24.577,
331.611

 24, 24.577,
331.611

 14, 24.577,
331.611

 4, 24.577, 331.611

 0, 24.577, 331.611

64, 24.577,
331.611

64, 24.577,
331.611

60, 35.290,
332.274

69, 13.745,
330.964

55, 45.623,
332.953

74, 2.986, 330.273

78, 7.586, 149.816

52, 55.211,
333.652

83, 17.902,
149.230

48, 63.611,
334.375

89, 27.925,
148.686

46, 70.346,
335.136

94, 37.643,
148.174

44, 75.008,
335.957


94, 37.514,
149.622

42, 77.397,
336.870

94, 36.137,
151.442

42, 78.091,

337.583

 94, 34.791,
153.395

Harmonies

Complementary

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



64, 24.577, 331.611



71, 24.480, 148.596

Rectangle

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



64, 24.577, 331.611



64, 24.577, 21.611



64, 24.577, 151.611



64, 24.577, 201.611

Sweetspot

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



64, 24.575, 331.612



90, 9.277, 330.595



61, 23.902, 299.185



48, 6.027, 330.634



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, 24.575, 331.612



79, 36.036, 331.918



63, 18.017, 357.138



36, 6.054, 330.741



35, 69.024, 337.437



3, 15.527, 333.418

Inverse Universe

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



64, 24.575, 331.612



79, 36.036, 331.918



72, 16.936, 172.662



36, 6.054, 330.741



35, 69.024, 337.437



3, 15.527, 333.418

Previews

White Background



This preview shows how the CIELCh color 64, 24.577, 331.611 looks on a white background.

Color Contrast Check

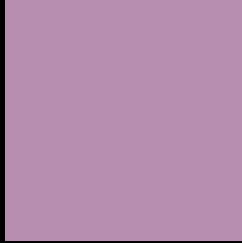
Large Text (above 18pt) WCAG AA × Fail

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, 24.577, 331.611 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, 24.577, 331.611

Background



This preview shows how black text looks on a background with the CIELCh color 64, 24.577, 331.611.



This preview shows how white text looks on a background with the CIELCh color 64, 24.577, 331.611.

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, 24.577, 331.611

Protanopia

64, 16.784, 285.963

Deuteranopia

64, 13.954, 306.784



Tritanopia
64, 15.320, 357.545

Trichromacy



Original Color
64, 24.577, 331.611

Protanomaly
64, 17.923, 305.940

Deuteranomaly
64, 17.033, 318.797

Tritanomaly
64, 18.010, 345.450

Monochromacy



Original Color
64, 24.577, 331.611

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 8.814, 331.042

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 24.577, 331.611 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, 142, 176)` looks like.

```
.text, #text, p{  
    color:rgb(184, 142, 176)  
}
```

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, 142, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 142, 176) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 24.577, 331.611 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, 142, 176) }
```

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

```
.border{ border-color:rgb(184, 142, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 142, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 142, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 142, 176);  
box-shadow:4px 4px 4px 4px rgb(184, 142,  
176) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 24.577, 331.611 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 142, 176) }
```

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

```
.background{ background-color: rgb(184,  
142, 176) }
```

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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