

Converting Colors

CIELCh(64, 24.487, 326.432)

Have a look what the booklet for
CIELCh(64, 24.487, 326.432)
contains.

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Color

CIELCh(64, 24.969, 326.291)

Conversions

Conversions Part 1

Format	Color
Hex	B58FB4
RGB	181, 143, 180
RGB Percent	71%, 56%, 71%
CMY	0.2899, 0.4389, 0.2938
CMYK	0.00, 0.21, 0.01, 0.29
HSL	302°, 20%, 64%
HSV	302°, 21%, 71%
XYZ	37.1571, 32.8017, 47.5975
YIQ	158.5800, 10.7710, 19.5630

Conversions

Conversions Part 2

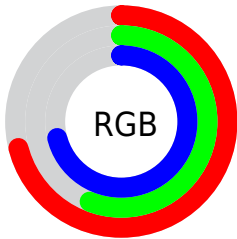
Format	Color
RYB	181, 143, 180
Decimal	11898804
CIELab	64.00, 20.77, -13.86
CIElCh	64, 24.969, 326.291
Yxy	32.8017, 0.3161, 0.2790
Android (android.graphics.Color)	4290088884 (0xFFB58FB4)
YUV	158.5800, 10.5601, 19.6623
Hunter-Lab	57.2727, 15.5789, -9.1831

Details

The CIELCh color $64, 24.969, 326.291$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $70, 24.947, 143.804$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 24.992, 326.042$, and $44, 25.168, 326.677$ is the 20% darker color. If you saturate the color by 10%, you get $60, 36.797, 326.834$, and if you desaturate by 10%, it is $69, 13.026, 325.733$.

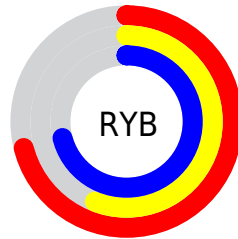
Distribution



Red (71%)

Green (56%)

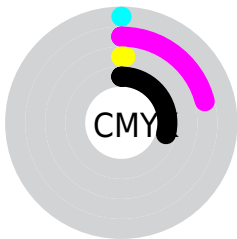
Blue (71%)



Red (71%)

Yellow (56%)

Blue (71%)

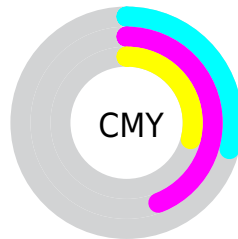


Cyan (0%)

Magenta (21%)

Yellow (1%)

Black (29%)



Cyan (29%)


Magenta (44%)


Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 64, 24.969, 326.291 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, 24.969, 326.291 by changing the saturation by 10% instead.

 64, 24.969,
326.291


 64, 24.969,
326.291


 100, 24.969,
326.291


 54, 24.969,
326.291


 84, 24.969,
326.291

 44, 24.969,
326.291

 94, 24.969,
326.291

 34, 24.969,
326.291

 24, 24.969,
326.291

 14, 24.969,
326.291

 4, 24.969, 326.291

 0, 24.969, 326.291

64, 24.969,
326.291

64, 24.969,
326.291

60, 36.797,
326.834

69, 13.026,
325.733

56, 48.243,
327.354

73, 1.167, 324.995

52, 58.944,
327.837

78, 10.485,
144.692

49, 68.465,
328.269

83, 21.852,
144.160

46, 76.346,
328.636

88, 32.894,
143.659

44, 82.195,
328.931

93, 43.592,
143.184


43, 85.814,
329.153

94, 45.321,
143.243

43, 87.555,

94, 45.122,
143.418

329.305

 94, 44.923,
143.594

Harmonies

Complementary

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



64, 24.969, 326.291



70, 24.947, 143.804

Rectangle

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



64, 24.969, 326.291



64, 24.969, 16.291



64, 24.969, 146.291



64, 24.969, 196.291

Sweetspot

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



64, 24.967, 326.291



89, 8.757, 325.450



61, 21.456, 293.122



47, 5.806, 325.488



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



64, 24.967, 326.291



79, 36.707, 326.534



63, 17.861, 346.409



36, 6.788, 325.640



37, 78.280, 329.292



3, 18.329, 325.739

Inverse Universe

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



64, 24.967, 326.291



79, 36.707, 326.534



71, 17.366, 162.719



36, 6.788, 325.640



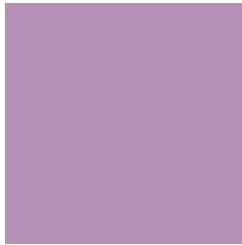
37, 78.280, 329.292



3, 18.329, 325.739

Previews

White Background



This preview shows how the CIELCh color 64, 24.969, 326.291 looks on a white background.

Color Contrast Check

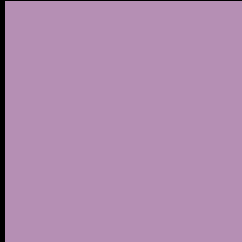
Large Text (above 18pt) WCAG AA × Fail

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, 24.969, 326.291 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

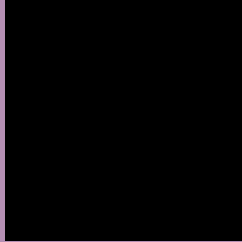
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 24.969, 326.291

Background



This preview shows how black text looks on a background with the CIELCh color 64, 24.969, 326.291.



This preview shows how white text looks on a background with the CIELCh color 64, 24.969, 326.291.

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, 24.969, 326.291

Protanopia

64, 18.470, 285.660

Deuteranopia

64, 15.413, 302.590



Tritanopia
64, 13.514, 353.932

Trichromacy



Original Color
64, 24.969, 326.291

Protanomaly
64, 19.398, 302.745

Deuteranomaly
64, 18.741, 313.636

Tritanomaly
64, 16.818, 339.748

Monochromacy



Original Color
64, 24.969, 326.291

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 9.460, 324.869

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 24.969, 326.291 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(181, 143, 180)` looks like.

```
.text, #text, p{  
    color:rgb(181, 143, 180)  
}
```

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(181, 143, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 143, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 24.969, 326.291 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(181, 143, 180) }
```

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

```
.border{ border-color:rgb(181, 143, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 143, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 143, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 143, 180);  
box-shadow:4px 4px 4px 4px rgb(181, 143,  
180) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 24.969, 326.291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 143, 180) }
```

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

```
.background{ background-color: rgb(181,  
143, 180) }
```

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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