

Converting Colors

CIELCh(64, 27.563, 326.323)

Have a look what the booklet for
CIELCh(64, 27.563, 326.323)
contains.

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Color

CIELCh(64, 27.563, 326.323)

Conversions

Conversions Part 1

Format	Color
Hex	B88EB7
RGB	184, 142, 183
RGB Percent	72%, 56%, 72%
CMY	0.2798, 0.4444, 0.2837
CMYK	0.00, 0.23, 0.01, 0.28
HSL	301°, 23%, 64%
HSV	301°, 23%, 72%
XYZ	37.8215, 32.8017, 48.9524
YIQ	159.2320, 11.8710, 21.6550

Conversions

Conversions Part 2

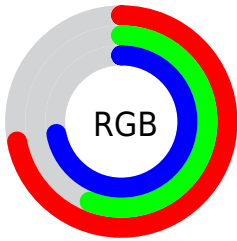
Format	Color
RYB	184, 142, 183
Decimal	12095159
CIELab	64.00, 22.94, -15.28
CIELCh	64, 27.563, 326.323
Yxy	32.8017, 0.3163, 0.2743
Android (android.graphics.Color)	4290285239 (0xFFB88EB7)
YUV	159.2320, 11.7176, 21.7215
Hunter-Lab	57.2727, 17.6498, -10.5857

Details

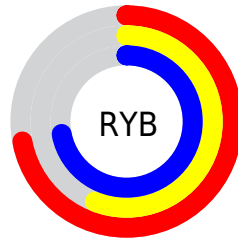
The CIELCh color $64, 27.563, 326.323$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $71, 27.543, 143.588$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 27.479, 326.062$, and $44, 27.684, 326.004$ is the 20% darker color. If you saturate the color by 10%, you get $60, 39.498, 326.862$, and if you desaturate by 10%, it is $69, 15.465, 325.768$.

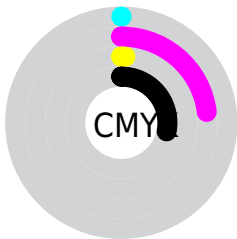
Distribution



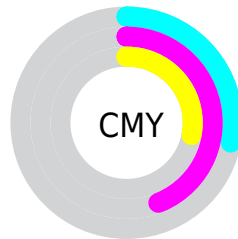
- Red (72%)
- Green (56%)
- Blue (72%)



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



- Cyan (0%)
- Magenta (23%)
- Yellow (1%)
- Black (28%)





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

Brightness & Saturation Gradients


These gradients show how the CIELCh color 64, 27.563, 326.323 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, 27.563, 326.323 by changing the saturation by 10% instead.

 64, 27.563,
326.323


 64, 27.563,
326.323


 100, 27.563,
326.323


 54, 27.563,
326.323


 84, 27.563,
326.323

 44, 27.563,
326.323

 94, 27.563,
326.323

 34, 27.563,
326.323

 24, 27.563,
326.323

 14, 27.563,
326.323

 4, 27.563, 326.323

 0, 27.563, 326.323

64, 27.563,
326.323

64, 27.563,
326.323

60, 39.498,
326.862

69, 15.465,
325.768

56, 50.983,
327.374

73, 3.421, 325.164

78, 8.433, 144.727

52, 61.631,
327.846

83, 20.010,
144.187

49, 70.994,
328.263

88, 31.261,
143.680

47, 78.609,
328.612

93, 42.167,
143.200

45, 84.108,
328.887

94, 43.838,
143.257

44, 87.343,
329.087

94, 43.655,
143.422

43, 88.654,

329.198

 94, 43.473,
143.588

Harmonies

Complementary

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



64, 27.563, 326.323



71, 27.543, 143.588

Rectangle

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



64, 27.563, 326.323



64, 27.563, 16.323



64, 27.563, 146.323



64, 27.563, 196.323

Sweetspot

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



64, 27.561, 326.323



91, 10.420, 325.440



60, 23.734, 293.369



48, 6.769, 325.475



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, 27.561, 326.323



79, 40.395, 326.573



63, 19.711, 346.602



36, 6.799, 325.569



37, 78.436, 329.186



3, 18.377, 325.638

Inverse Universe

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



64, 27.561, 326.323



79, 40.395, 326.573



71, 19.117, 162.529



36, 6.799, 325.569



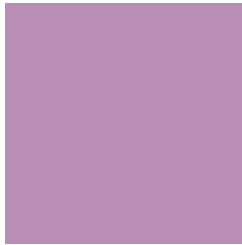
37, 78.436, 329.186



3, 18.377, 325.638

Previews

White Background



This preview shows how the CIELCh color 64, 27.563, 326.323 looks on a white background.

Color Contrast Check

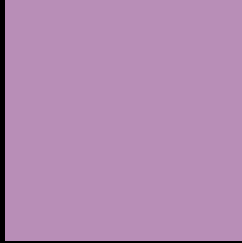
Large Text (above 18pt) WCAG AA × Fail

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, 27.563, 326.323 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

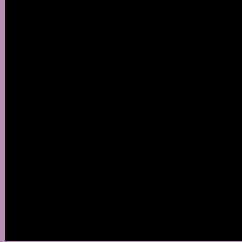
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 27.563, 326.323

Background



This preview shows how black text looks on a background with the CIELCh color 64, 27.563, 326.323.



This preview shows how white text looks on a background with the CIELCh color 64, 27.563, 326.323.

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, 27.563, 326.323

Protanopia

64, 20.707, 285.715

Deuteranopia

64, 16.374, 299.428



Tritanopia
64, 14.811, 354.223

Trichromacy



Original Color
64, 27.563, 326.323

Protanomaly
64, 21.588, 301.779

Deuteranomaly
64, 20.291, 311.907

Tritanomaly
64, 19.042, 339.179

Monochromacy



Original Color
64, 27.563, 326.323

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 10.127, 324.900

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 27.563, 326.323 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, 183)` looks like.

```
.text, #text, p{  
    color:rgb(184, 142, 183)  
}
```

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, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 142, 183) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 27.563, 326.323 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, 183) }
```

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

```
.border{ border-color:rgb(184, 142, 183) }
```

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, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 142, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 142, 183);  
box-shadow:4px 4px 4px 4px rgb(184, 142,  
183) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 27.563, 326.323 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, 183) }
```

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

```
.background{ background-color: rgb(184,  
142, 183) }
```

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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