

Converting Colors

CIELCh(65, 29.994, 324.171)

Have a look what the booklet for
CIELCh(65, 29.994, 324.171)
contains.

CIELCh(65, 29.487, 324.464)	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(65, 29.487, 324.464)

Conversions

Conversions Part 1

Format	Color
Hex	BB90BD
RGB	187, 144, 189
RGB Percent	73%, 56%, 74%
CMY	0.2678, 0.4364, 0.2600
CMYK	0.01, 0.24, 0.00, 0.26
HSL	297°, 25%, 65%
HSV	297°, 24%, 74%
XYZ	39.5020, 34.0472, 52.4631
YIQ	161.9870, 11.1830, 23.1110

Conversions

Conversions Part 2

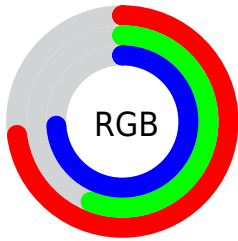
Format	Color
RYB	187, 144, 189
Decimal	12292285
CIELab	65.00, 24.00, -17.14
CIELCh	65, 29.487, 324.464
Yxy	34.0472, 0.3135, 0.2702
Android (android.graphics.Color)	4290482365 (0xFFBB90BD)
YUV	161.9870, 13.3174, 21.9364
Hunter-Lab	58.3500, 18.7293, -12.4633

Details

The CIELCh color $65, 29.487, 324.464$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $72, 29.414, 141.783$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 29.510, 324.896$, and $45, 29.710, 324.075$ is the 20% darker color. If you saturate the color by 10%, you get $61, 41.750, 324.961$, and if you desaturate by 10%, it is $70, 17.067, 323.947$.

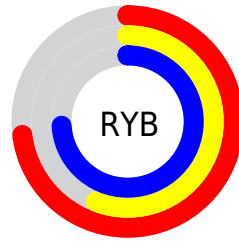
Distribution



Red (73%)

Green (56%)

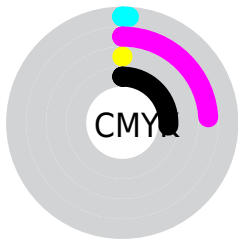
Blue (74%)



Red (73%)

Yellow (56%)

Blue (74%)

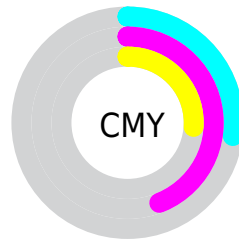


Cyan (1%)

Magenta (24%)

Yellow (0%)

Black (26%)



Cyan (27%)

Magenta (44%)

Yellow (26%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 29.487, 324.464 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 65, 29.487, 324.464 by changing the saturation by 10% instead.

 65, 29.487,
324.464

 65, 29.487,
324.464

 100, 29.487,
324.464

 55, 29.487,
324.464


 85, 29.487,
324.464

 45, 29.487,
324.464

 95, 29.487,
324.464

 35, 29.487,
324.464

 25, 29.487,
324.464

 15, 29.487,
324.464

 5, 29.487, 324.464

 0, 29.487, 324.464

65, 29.487,
324.464

65, 29.487,
324.464

61, 41.750,
324.961

70, 17.067,
323.947

56, 53.565,
325.423

75, 4.707, 323.396

80, 7.457, 142.972

53, 64.539,
325.830

85, 19.339,
142.461

49, 74.203,
326.162

90, 30.893,
141.987

47, 82.075,
326.397

94, 40.946,
141.552

45, 87.761,
326.519


95, 40.779,
141.237

44, 91.102,
326.522

95, 40.613,
140.917

43, 92.366,

326.483

 95, 40.447,
140.594

Harmonies

Complementary

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



65, 29.487, 324.464



72, 29.414, 141.783

Rectangle

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



65, 29.487, 324.464



65, 29.487, 14.464



65, 29.487, 144.464



65, 29.487, 194.464

Sweetspot

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



65, 29.485, 324.464



92, 10.623, 323.587



62, 24.025, 290.952



49, 6.902, 323.620



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



65, 29.485, 324.464



79, 44.286, 324.747



65, 21.936, 343.048



37, 6.971, 323.709



36, 81.030, 326.506



3, 20.988, 323.511

Inverse Universe

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



64, 18.157, 17.736



78, 27.820, 18.413



73, 21.441, 159.014



37, 4.098, 16.315



32, 71.095, 37.852



3, 12.271, 16.841

Previews

White Background



This preview shows how the CIELCh color 65, 29.487, 324.464 looks on a white background.

Color Contrast Check

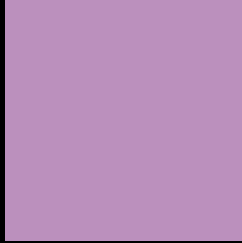
Large Text (above 18pt) WCAG AA × Fail

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 65, 29.487, 324.464 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

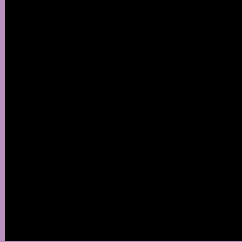
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 29.487, 324.464

Background



This preview shows how black text looks on a background with the CIELCh color 65, 29.487, 324.464.




This preview shows how white text looks on a background with the CIELCh color 65, 29.487, 324.464.

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





Tritanopia
65, 14.545, 356.169

Trichromacy



Original Color
65, 29.487, 324.464

Protanomaly
65, 23.727, 301.014

Deuteranomaly
65, 22.333, 310.004

Tritanomaly
65, 18.981, 339.153

Monochromacy



Original Color
65, 29.487, 324.464

Achromatopsia
67, 0.008, 296.813

Achromatomaly
66, 11.229, 323.334

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 29.487, 324.464 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(187, 144, 189)` looks like.

```
.text, #text, p{  
    color:rgb(187, 144, 189)  
}
```

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(187, 144, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 144, 189) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 29.487, 324.464 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(187, 144, 189) }
```

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

```
.border{ border-color:rgb(187, 144, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 144, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 144, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 144, 189);  
box-shadow:4px 4px 4px 4px rgb(187, 144,  
189) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 29.487, 324.464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 144, 189) }
```

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

```
.background{ background-color: rgb(187,  
144, 189) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor