

Converting Colors

CIELCh(65, 23.819, 325.331)

Have a look what the booklet for
CIELCh(65, 23.819, 325.331)
contains.

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Color

CIELCh(65, 23.379, 325.473)

Conversions

Conversions Part 1

Format	Color
Hex	B693B6
RGB	182, 147, 182
RGB Percent	71%, 58%, 71%
CMY	0.2875, 0.4247, 0.2875
CMYK	0.00, 0.19, 0.00, 0.29
HSL	300°, 19%, 64%
HSV	300°, 19%, 71%
XYZ	38.0175, 34.0472, 48.6571
YIQ	161.4550, 9.6250, 18.3050

Conversions

Conversions Part 2

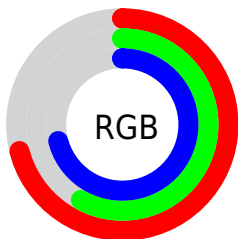
Format	Color
R _Y B	182, 147, 182
Decimal	11965366
CIE Lab	65.00, 19.26, -13.25
CIE LCh	65, 23.379, 325.473
Yxy	34.0472, 0.3149, 0.2820
Android (android.graphics.Color)	4290155446 (0xFFB693B6)
YUV	161.4550, 10.1287, 18.0180
Hunter-Lab	58.3500, 14.1880, -8.5960

Details

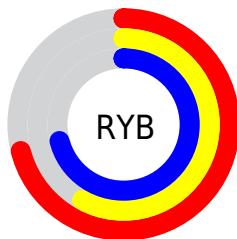
The CIELCh color $65, 23.379, 325.473$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $71, 23.359, 143.234$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 23.483, 325.286$, and $45, 23.483, 325.776$ is the 20% darker color. If you saturate the color by 10%, you get $61, 35.485, 326.008$, and if you desaturate by 10%, it is $70, 11.192, 324.921$.

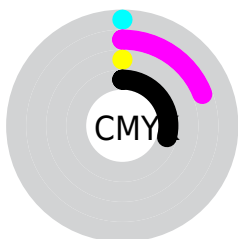
Distribution



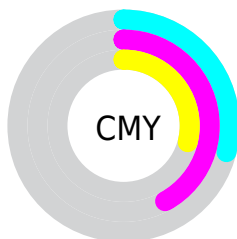
- Red (71%)
- Green (58%)
- Blue (71%)



- Red (71%)
- Yellow (58%)
- Blue (71%)



- Cyan (0%)
- Magenta (19%)
- Yellow (0%)
- Black (29%)




- Cyan (29%)
- Magenta (42%)
- Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 23.379, 325.473 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, 23.379, 325.473 by changing the saturation by 10% instead.


 65, 23.379,
325.473


 65, 23.379,
325.473


 100, 23.379,
325.473

 55, 23.379,
325.473


 85, 23.379,
325.473

 45, 23.379,
325.473

 95, 23.379,
325.473

 35, 23.379,
325.473

 25, 23.379,
325.473

 15, 23.379,
325.473

 5, 23.379, 325.473

 0, 23.379, 325.473

65, 23.379,
325.473

65, 23.379,
325.473

61, 35.485,
326.008

70, 11.192,
324.921

57, 47.252,
326.516

74, 0.885, 144.674

53, 58.328,
326.983

79, 12.734,
143.891

50, 68.285,
327.392

84, 24.282,
143.370

47, 76.661,
327.728

89, 35.492,
142.876

45, 83.050,
327.979

94, 45.923,
142.427


44, 87.218,
328.140


94, 45.923,
142.427

43, 89.453,

94, 45.923,
142.427

328.226

 94, 45.922,
142.427

 43, 89.599,
328.231

Harmonies

Complementary

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



65, 23.379, 325.473



71, 23.359, 143.234

Rectangle

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



65, 23.379, 325.473



65, 23.379, 15.473



65, 23.379, 145.473



65, 23.379, 195.473

Sweetspot

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



65, 23.377, 325.473



90, 8.993, 324.739



62, 19.324, 291.667



48, 6.016, 324.777



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



65, 23.377, 325.473



81, 34.683, 325.697



64, 16.760, 344.386



36, 6.910, 324.926



37, 79.890, 328.231



3, 18.823, 324.742

Inverse Universe

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



64, 14.024, 20.740



79, 21.133, 21.140



71, 16.394, 161.134



36, 4.004, 19.912



32, 71.869, 39.597



2, 10.638, 19.403

Previews

White Background



This preview shows how the CIELCh color 65, 23.379, 325.473 looks on a white background.

Color Contrast Check

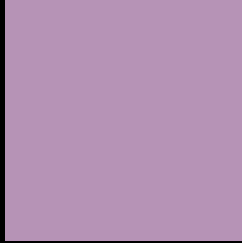
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 65, 23.379, 325.473 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

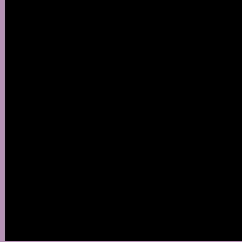
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 23.379, 325.473

Background



This preview shows how black text looks on a background with the CIELCh color 65, 23.379, 325.473.



This preview shows how white text looks on a background with the CIELCh color 65, 23.379, 325.473.

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, 13.027, 350.040

Trichromacy



Original Color
65, 23.379, 325.473

Protanomaly
65, 18.720, 301.932

Deuteranomaly
65, 18.168, 314.272

Tritanomaly
65, 16.203, 337.832

Monochromacy



Original Color
65, 23.379, 325.473

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 8.761, 324.830

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 23.379, 325.473 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(182, 147, 182)` looks like.

```
.text, #text, p{  
    color:rgb(182, 147, 182)  
}
```

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(182, 147, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 147, 182) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 23.379, 325.473 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(182, 147, 182) }
```

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

```
.border{ border-color:rgb(182, 147, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 147, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(182, 147, 182); -webkit-box-shadow:4px 4px 4px 4px rgb(182, 147, 182); box-shadow:4px 4px 4px 4px rgb(182, 147, 182) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 23.379, 325.473 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 147, 182) }
```

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

```
.background{ background-color: rgb(182,  
147, 182) }
```

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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