

Converting Colors

CIELCh(65, 23.399, 327.316)

Have a look what the booklet for
CIELCh(65, 23.399, 327.316)
contains.

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Color

CIELCh(65, 23.807, 327.040)

Conversions

Conversions Part 1

Format	Color
Hex	B792B5
RGB	183, 146, 181
RGB Percent	72%, 57%, 71%
CMY	0.2816, 0.4267, 0.2895
CMYK	0.00, 0.20, 0.01, 0.28
HSL	303°, 20%, 65%
HSV	303°, 20%, 72%
XYZ	38.2391, 34.0472, 48.3724
YIQ	161.0530, 10.8170, 18.7290

Conversions

Conversions Part 2

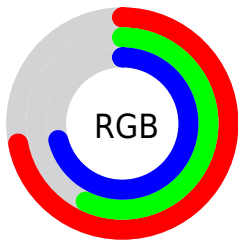
Format	Color
R _Y B	183, 146, 181
Decimal	12030645
CIE Lab	65.00, 19.98, -12.95
CIE LCh	65, 23.807, 327.040
Yxy	34.0472, 0.3169, 0.2822
Android (android.graphics.Color)	4290220725 (0xFFB792B5)
YUV	161.0530, 9.8339, 19.2475
Hunter-Lab	58.3500, 14.8657, -8.3067

Details

The CIELCh color $65, 23.807, 327.040$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $71, 23.779, 144.625$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 23.894, 326.755$, and $45, 23.926, 327.465$ is the 20% darker color. If you saturate the color by 10%, you get $61, 35.545, 327.600$, and if you desaturate by 10%, it is $70, 11.975, 326.470$.

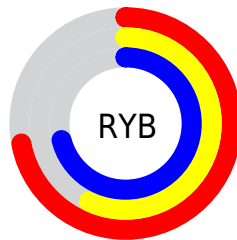
Distribution



Red (72%)

Green (57%)

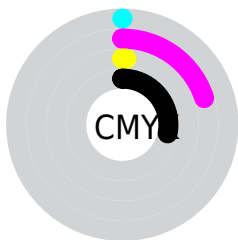
Blue (71%)



Red (72%)

Yellow (57%)

Blue (71%)

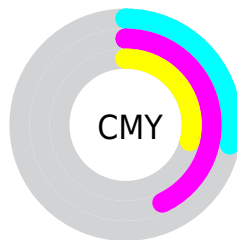


Cyan (0%)

Magenta (20%)

Yellow (1%)

Black (28%)



Cyan (28%)


Magenta (43%)


Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 23.807, 327.040 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, 23.807, 327.040 by changing the saturation by 10% instead.


 65, 23.807,
327.040


 65, 23.807,
327.040


 100, 23.807,
327.040


 55, 23.807,
327.040


 85, 23.807,
327.040

 45, 23.807,
327.040

 95, 23.807,
327.040

 35, 23.807,
327.040

 25, 23.807,
327.040

 15, 23.807,
327.040

 5, 23.807, 327.040

 0, 23.807, 327.040

65, 23.807,
327.040

65, 23.807,
327.040

61, 35.545,
327.600

70, 11.975,
326.470

56, 46.932,
328.142

74, 0.241, 324.885

53, 57.610,
328.657

79, 11.278,
145.418

50, 67.145,
329.131

84, 22.511,
144.884

47, 75.071,
329.555

89, 33.421,
144.379

45, 80.975,
329.922

94, 43.344,
143.953


44, 84.630,
330.236

94, 42.932,
144.340

43, 86.406,

94, 42.521,
144.733

330.506

 94, 42.112,
145.134

Harmonies

Complementary

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



65, 23.807, 327.040



71, 23.779, 144.625

Rectangle

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



65, 23.807, 327.040



65, 23.807, 17.040



65, 23.807, 147.040



65, 23.807, 197.040

Sweetspot

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



65, 23.805, 327.040



90, 8.668, 326.227



62, 20.830, 294.205



48, 5.798, 326.266



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, 23.805, 327.040



80, 34.892, 327.276



64, 16.993, 348.269



36, 6.660, 326.420



36, 76.615, 330.475



3, 17.818, 326.866

Inverse Universe

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



65, 23.805, 327.040



80, 34.892, 327.276



71, 16.465, 164.637



36, 6.660, 326.420



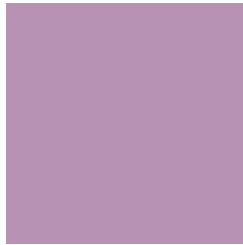
36, 76.615, 330.475



3, 17.818, 326.866

Previews

White Background



This preview shows how the CIELCh color 65, 23.807, 327.040 looks on a white background.

Color Contrast Check

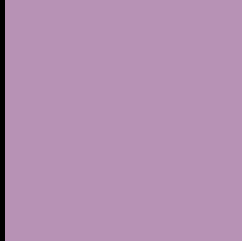
Large Text (above 18pt) WCAG AA × Fail

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, 23.807, 327.040 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

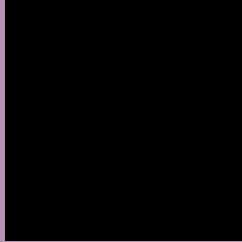
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 23.807, 327.040

Background



This preview shows how black text looks on a background with the CIELCh color 65, 23.807, 327.040.



This preview shows how white text looks on a background with the CIELCh color 65, 23.807, 327.040.

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, 13.119, 353.076

Trichromacy



Original Color
65, 23.807, 327.040

Protanomaly
65, 18.786, 303.011

Deuteranomaly
65, 17.661, 314.961

Tritanomaly
65, 16.130, 340.279

Monochromacy



Original Color
65, 23.807, 327.040

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 8.312, 326.984

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 23.807, 327.040 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(183, 146, 181)` looks like.

```
.text, #text, p{  
    color:rgb(183, 146, 181)  
}
```

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(183, 146, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 146, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 23.807, 327.040 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(183, 146, 181) }
```

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

```
.border{ border-color:rgb(183, 146, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 146, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 146, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 146, 181);  
box-shadow:4px 4px 4px 4px rgb(183, 146,  
181) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 23.807, 327.040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 146, 181) }
```

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

```
.background{ background-color: rgb(183,  
146, 181) }
```

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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