

Converting Colors

CIELCh(62, 36.616, 327.115)

Have a look what the booklet for
CIELCh(62, 36.616, 327.115)
contains.

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Color

CIELCh(62, 36.480, 327.566)

Conversions

Conversions Part 1

Format	Color
Hex	BC83B9
RGB	188, 131, 185
RGB Percent	74%, 51%, 73%
CMY	0.2630, 0.4865, 0.2747
CMYK	0.00, 0.30, 0.02, 0.26
HSL	303°, 30%, 63%
HSV	303°, 30%, 74%
XYZ	37.5849, 30.4025, 49.7552
YIQ	154.1990, 16.6380, 28.8780

Conversions

Conversions Part 2

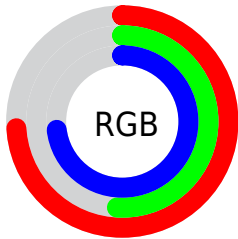
Format	Color
RYB	188, 131, 185
Decimal	12354489
CIELab	62.00, 30.79, -19.57
CIELCh	62, 36.480, 327.566
Yxy	30.4025, 0.3192, 0.2582
Android (android.graphics.Color)	4290544569 (0xFFBC83B9)
YUV	154.1990, 15.1849, 29.6435
Hunter-Lab	55.1385, 25.1814, -14.9044

Details

The CIELCh color $62, 36.480, 327.566$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $71, 36.472, 143.745$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 36.244, 327.680$, and $42, 36.906, 327.582$ is the 20% darker color. If you saturate the color by 10%, you get $58, 48.105, 328.108$, and if you desaturate by 10%, it is $66, 24.482, 327.007$.

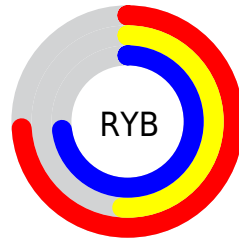
Distribution



Red (74%)

Green (51%)

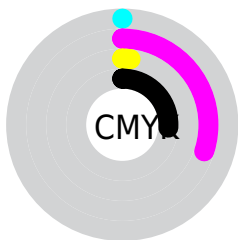
Blue (73%)



Red (74%)

Yellow (51%)

Blue (73%)

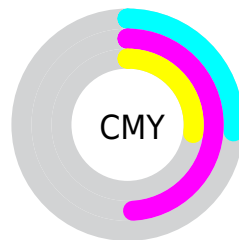


Cyan (0%)

Magenta (30%)

Yellow (2%)

Black (26%)



Cyan (26%)


Magenta (49%)


Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 36.480, 327.566 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 62, 36.480, 327.566 by changing the saturation by 10% instead.


 62, 36.480,
327.566


 62, 36.480,
327.566


 100, 36.480,
327.566


 52, 36.480,
327.566


 82, 36.480,
327.566

 42, 36.480,
327.566

 92, 36.480,
327.566

 32, 36.480,
327.566

 22, 36.480,
327.566

 12, 36.480,
327.566

 2, 36.480, 327.566

 0, 36.480, 327.566

62, 36.480,
327.566

62, 36.480,
327.566

58, 48.105,
328.108

66, 24.482,
327.007

54, 58.999,
328.621

71, 12.390,
326.436

51, 68.714,
329.093

76, 0.395, 325.248

48, 76.770,
329.513

81, 11.383,
145.382

46, 82.749,
329.877

86, 22.867,
144.847

45, 86.424,
330.185

91, 34.021,
144.342

44, 88.163,
330.445

94, 40.386,
144.216

94, 39.975,
144.632

■ 94, 39.565,
145.057

Harmonies

Complementary

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



62, 36.480, 327.566



71, 36.472, 143.745

Rectangle

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



62, 36.480, 327.566



62, 36.480, 17.566



62, 36.480, 147.566



62, 36.480, 197.566

Sweetspot

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



62, 36.478, 327.566



91, 13.378, 326.368



57, 32.608, 295.516



48, 9.300, 326.452



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



62, 36.478, 327.566



76, 53.447, 327.909



61, 26.258, 349.398



37, 6.820, 326.380



37, 77.619, 330.414



3, 20.410, 327.341

Inverse Universe

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



62, 36.478, 327.566



76, 53.447, 327.909



72, 25.044, 163.563



37, 6.820, 326.380



37, 77.619, 330.414



3, 20.410, 327.341

Previews

White Background



This preview shows how the CIELCh color 62, 36.480, 327.566 looks on a white background.

Color Contrast Check

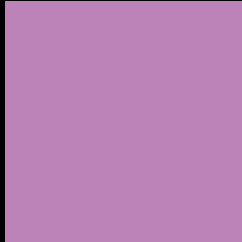
Large Text (above 18pt) WCAG AA × Fail

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 62, 36.480, 327.566 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

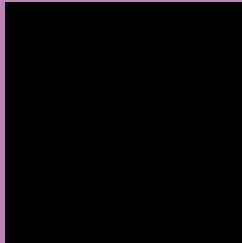
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 36.480, 327.566

Background



This preview shows how black text looks on a background with the CIELCh color 62, 36.480, 327.566.




This preview shows how white text looks on a background with the CIELCh color 62, 36.480, 327.566.

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
62, 18.850, 2.509

Trichromacy



Original Color
62, 36.480, 327.566

Protanomaly
62, 29.189, 302.672

Deuteranomaly
62, 25.002, 310.942

Tritanomaly
62, 24.350, 343.887

Monochromacy



Original Color
62, 36.480, 327.566

Achromatopsia
64, 0.008, 296.813

Achromatomaly
63, 13.102, 326.454

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 36.480, 327.566 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(188, 131, 185)` looks like.

```
.text, #text, p{  
    color:rgb(188, 131, 185)  
}
```

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(188, 131, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 131, 185) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 36.480, 327.566 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(188, 131, 185) }
```

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

```
.border{ border-color:rgb(188, 131, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 131, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 131, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 131, 185);  
box-shadow:4px 4px 4px 4px rgb(188, 131,  
185) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 36.480, 327.566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 131, 185) }
```

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

```
.background{ background-color: rgb(188,  
131, 185) }
```

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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