

Converting Colors

CIELCh(66, 36.717, 318.039)

Have a look what the booklet for
CIELCh(66, 36.717, 318.039)
contains.

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Color

CIELCh(66, 36.682, 318.033)

Conversions

Conversions Part 1

Format	Color
Hex	BD91CD
RGB	189, 145, 205
RGB Percent	74%, 57%, 80%
CMY	0.2601, 0.4326, 0.1974
CMYK	0.08, 0.29, 0.00, 0.20
HSL	284°, 37%, 69%
HSV	284°, 29%, 80%
XYZ	41.9618, 35.3238, 62.1552
YIQ	164.9960, 6.9640, 27.9880

Conversions

Conversions Part 2

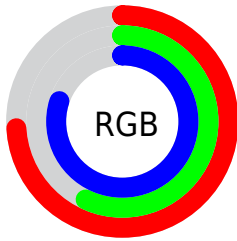
Format	Color
R_{YB}	189, 145, 205
Decimal	12423629
CIE _{Lab}	66.00, 27.27, -24.53
CIE _{LCh}	66, 36.682, 318.033
Yxy	35.3238, 0.3009, 0.2533
Android (android.graphics.Color)	4290613709 (0xFFBD91CD)
YUV	164.9960, 19.7220, 21.0515
Hunter-Lab	59.4338, 22.0162, -20.4010

Details

The CIELCh color $66, 36.682, 318.033$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $78, 35.994, 135.346$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $86, 33.603, 320.982$, and $46, 36.850, 317.916$ is the 20% darker color. If you saturate the color by 10%, you get $61, 49.287, 318.452$, and if you desaturate by 10%, it is $71, 24.013, 317.595$.

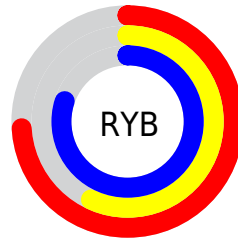
Distribution



Red (74%)

Green (57%)

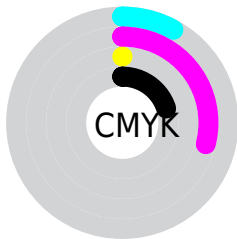
Blue (80%)



Red (74%)

Yellow (57%)

Blue (80%)

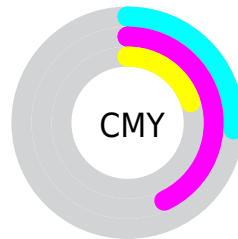


Cyan (8%)

Magenta (29%)

Yellow (0%)

Black (20%)



Cyan (26%)


Magenta (43%)


Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 36.682, 318.033 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 66, 36.682, 318.033 by changing the saturation by 10% instead.


 66, 36.682,
318.033


 66, 36.682,
318.033


 100, 36.682,
318.033


 56, 36.682,
318.033


 86, 36.682,
318.033

 46, 36.682,
318.033

 96, 36.682,
318.033

 36, 36.682,
318.033

 26, 36.682,
318.033

 16, 36.682,
318.033

 6, 36.682, 318.033

 0, 36.682, 318.033

66, 36.682,
318.033

66, 36.682,
318.033

61, 49.287,
318.452

71, 24.013,
317.595

56, 61.550,
318.824

77, 11.470,
317.152

51, 73.058,
319.113

83, 0.837, 136.981

47, 83.267,
319.268

88, 12.844,
136.368

44, 91.552,
319.233

94, 24.522,
135.991

41, 97.353,
318.949

97, 28.419,
133.795


39, 100.685,
318.414

97, 27.584,
130.209

39, 100.891,

97, 26.862,
126.365

318.376

 98, 26.270,
122.279

Harmonies

Complementary

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



66, 36.682, 318.033



78, 35.994, 135.346

Rectangle

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



66, 36.682, 318.033



66, 36.682, 8.033



66, 36.682, 138.033



66, 36.682, 188.033

Sweetspot

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



66, 36.680, 318.033



94, 13.258, 317.144



67, 24.240, 279.277



49, 9.226, 317.209



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



66, 36.680, 318.033



77, 52.458, 318.294



67, 33.773, 333.026



40, 6.974, 317.156



31, 86.191, 318.506



4, 26.256, 316.413

Inverse Universe

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



66, 25.006, 1.550



77, 36.020, 2.465



77, 33.600, 148.888



40, 4.640, 359.137



35, 64.413, 23.540



4, 18.423, 6.510

Previews

White Background



This preview shows how the CIELCh color 66, 36.682, 318.033 looks on a white background.

Color Contrast Check

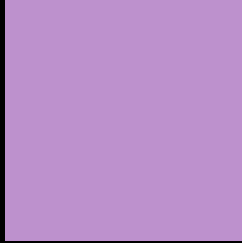
Large Text (above 18pt) WCAG AA × Fail

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 66, 36.682, 318.033 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 66, 36.682, 318.033

Background



This preview shows how black text looks on a background with the CIELCh color 66, 36.682, 318.033.



This preview shows how white text looks on a background with the CIELCh color 66, 36.682, 318.033.

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
66, 13.673, 351.792

Trichromacy



Original Color
66, 36.682, 318.033

Protanomaly
66, 31.787, 297.557

Deuteranomaly
66, 28.278, 302.724

Tritanomaly
66, 21.383, 330.560

Monochromacy



Original Color
66, 36.682, 318.033

Achromatopsia
68, 0.008, 296.813

Achromatomaly
67, 13.096, 318.145

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 36.682, 318.033 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(189, 145, 205)` looks like.

```
.text, #text, p{  
    color:rgb(189, 145, 205)  
}
```

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(189, 145, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 145, 205) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 36.682, 318.033 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(189, 145, 205) }
```

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

```
.border{ border-color:rgb(189, 145, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 145, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 145, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 145, 205);  
box-shadow:4px 4px 4px 4px rgb(189, 145,  
205) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 36.682, 318.033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 145, 205) }
```

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

```
.background{ background-color: rgb(189,  
145, 205) }
```

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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