

Converting Colors

CIELCh(63, 41.204, 318.202)

Have a look what the booklet for
CIELCh(63, 41.204, 318.202)
contains.

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Color

CIELCh(63, 41.112, 318.137)

Conversions

Conversions Part 1

Format	Color
Hex	B887CA
RGB	184, 135, 202
RGB Percent	72%, 53%, 79%
CMY	0.2802, 0.4722, 0.2096
CMYK	0.09, 0.33, 0.00, 0.21
HSL	284°, 39%, 66%
HSV	284°, 33%, 79%
XYZ	38.8709, 31.5869, 59.6435
YIQ	157.2890, 7.6970, 31.2250

Conversions

Conversions Part 2

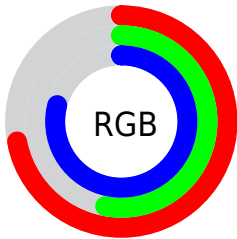
Format	Color
RYB	184, 135, 202
Decimal	12093386
CIELab	63.00, 30.62, -27.44
CIElCh	63, 41.112, 318.137
Yxy	31.5869, 0.2988, 0.2428
Android (android.graphics.Color)	4290283466 (0xFFB887CA)
YUV	157.2890, 22.0425, 23.4255
Hunter-Lab	56.2022, 25.1012, -23.5787

Details

The CIELCh color `63, 41.112, 318.137` is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be `76, 40.237, 135.065`, and the grayscale version is `65, 0.008, 296.813`.

A 20% lighter version of the original color is `83, 39.161, 319.596`, and `43, 41.512, 318.112` is the 20% darker color. If you saturate the color by 10%, you get `58, 53.468, 318.541`, and if you desaturate by 10%, it is `68, 28.600, 317.704`.

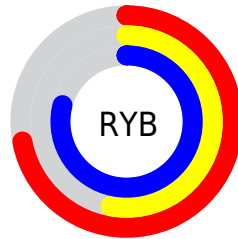
Distribution



Red (72%)

Green (53%)

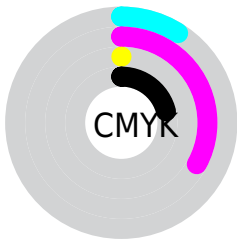
Blue (79%)



Red (72%)

Yellow (53%)

Blue (79%)

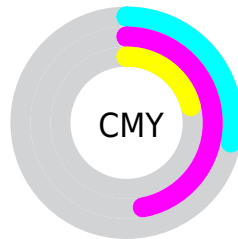


Cyan (9%)

Magenta (33%)

Yellow (0%)

Black (21%)



Cyan (28%)


Magenta (47%)


Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 41.112, 318.137 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 63, 41.112, 318.137 by changing the saturation by 10% instead.


 63, 41.112,
318.137


 63, 41.112,
318.137


 100, 41.112,
318.137


 53, 41.112,
318.137


 83, 41.112,
318.137

 43, 41.112,
318.137


 93, 41.112,
318.137

 33, 41.112,
318.137

 23, 41.112,
318.137

 13, 41.112,
318.137

 3, 41.112, 318.137

 0, 41.112, 318.137

63, 41.112,
318.137

63, 41.112,
318.137

58, 53.468,
318.541

68, 28.600,
317.704

53, 65.348,
318.886

74, 16.154,
317.264

49, 76.294,
319.130

79, 3.905, 316.801

45, 85.728,
319.219

85, 8.067, 136.468

42, 93.035,
319.094

91, 19.723,
136.074

40, 97.746,
318.702

96, 30.741,
135.651

39, 99.767,
318.319

96, 29.848,
132.455

97, 29.051,
129.025

■ 97, 28.364,
125.368

Harmonies

Complementary

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



63, 41.112, 318.137



76, 40.237, 135.065

Rectangle

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



63, 41.112, 318.137



63, 41.112, 8.137



63, 41.112, 138.137



63, 41.112, 188.137

Sweetspot

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



63, 41.110, 318.137



93, 14.738, 317.127



64, 27.262, 280.016



49, 10.069, 317.190



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



63, 41.110, 318.137



74, 59.926, 318.438



64, 37.757, 333.299



40, 6.970, 317.094



31, 86.221, 318.442



4, 26.235, 316.322

Inverse Universe

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



63, 28.183, 1.973



74, 41.418, 3.159



76, 37.569, 148.510



40, 4.644, 358.994



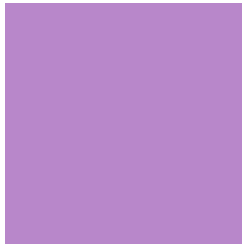
35, 64.344, 23.369



4, 18.430, 6.417

Previews

White Background



This preview shows how the CIELCh color 63, 41.112, 318.137 looks on a white background.

Color Contrast Check

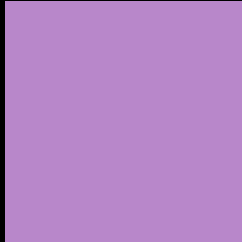
Large Text (above 18pt) WCAG AA × Fail

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 63, 41.112, 318.137 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

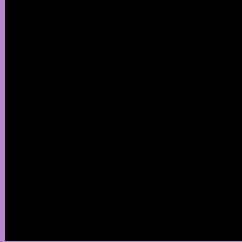
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 41.112, 318.137

Background



This preview shows how black text looks on a background with the CIELCh color 63, 41.112, 318.137.

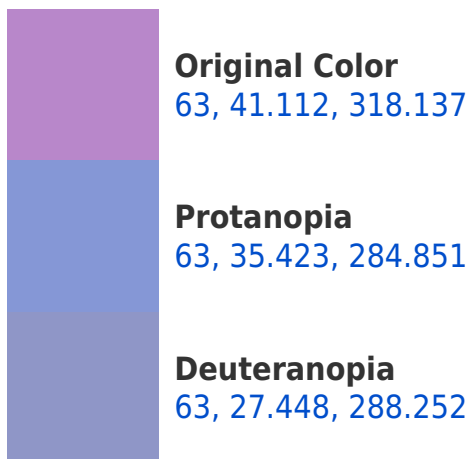


This preview shows how white text looks on a background with the CIELCh color 63, 41.112, 318.137.

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
63, 14.273, 355.505

Trichromacy



Original Color
63, 41.112, 318.137

Protanomaly
63, 35.977, 297.022

Deuteranomaly
63, 31.862, 301.974

Tritanomaly
63, 22.442, 331.282

Monochromacy



Original Color
63, 41.112, 318.137

Achromatopsia
65, 0.008, 296.813

Achromatomaly
64, 15.042, 317.869

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 41.112, 318.137 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(184, 135, 202)` looks like.

```
.text, #text, p{  
    color:rgb(184, 135, 202)  
}
```

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(184, 135, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 135, 202) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 41.112, 318.137 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(184, 135, 202) }
```

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

```
.border{ border-color:rgb(184, 135, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 135, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 135, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 135, 202);  
box-shadow:4px 4px 4px 4px rgb(184, 135,  
202) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 41.112, 318.137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 135, 202) }
```

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

```
.background{ background-color: rgb(184,  
135, 202) }
```

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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