

Converting Colors

CIELCh(63, 35.199, 322.273)

Have a look what the booklet for
CIELCh(63, 35.199, 322.273)
contains.

CIELCh(63, 35.197, 322.280)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(63, 35.197, 322.280)

Conversions

Conversions Part 1

Format	Color
Hex	B888BF
RGB	184, 136, 191
RGB Percent	72%, 53%, 75%
CMY	0.2782, 0.4664, 0.2507
CMYK	0.04, 0.29, 0.00, 0.25
HSL	292°, 30%, 64%
HSV	292°, 29%, 75%
XYZ	38.0050, 31.5869, 53.4195
YIQ	156.6220, 10.9530, 27.2810

Conversions

Conversions Part 2

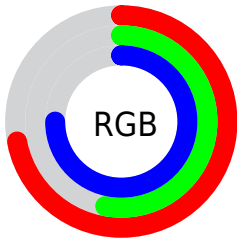
Format	Color
RYB	184, 136, 191
Decimal	12093631
CIELab	63.00, 27.84, -21.53
CIELCh	63, 35.197, 322.280
Yxy	31.5869, 0.3090, 0.2568
Android (android.graphics.Color)	4290283711 (0xFFB888BF)
YUV	156.6220, 16.9484, 24.0105
Hunter-Lab	56.2022, 22.3509, -17.0128

Details

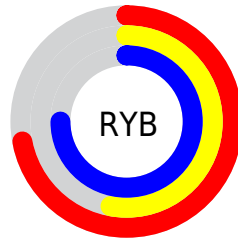
The CIELCh color $63, 35.197, 322.280$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $73, 34.926, 139.299$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 34.932, 322.682$, and $43, 35.253, 322.421$ is the 20% darker color. If you saturate the color by 10%, you get $58, 47.285, 322.721$, and if you desaturate by 10%, it is $68, 22.908, 321.812$.

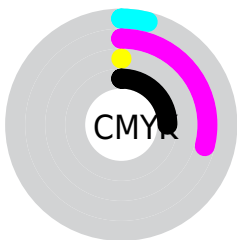
Distribution



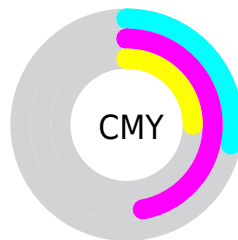
- Red (72%)
- Green (53%)
- Blue (75%)



- Red (72%)
- Yellow (53%)
- Blue (75%)



- Cyan (4%)
- Magenta (29%)
- Yellow (0%)
- Black (25%)





- Cyan (28%)
- Magenta (47%)
- Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 35.197, 322.280 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, 35.197, 322.280 by changing the saturation by 10% instead.


 63, 35.197,
322.280


 63, 35.197,
322.280


 100, 35.197,
322.280


 53, 35.197,
322.280


 83, 35.197,
322.280

 43, 35.197,
322.280

 93, 35.197,
322.280

 33, 35.197,
322.280

 23, 35.197,
322.280

 13, 35.197,
322.280

 3, 35.197, 322.280

 0, 35.197, 322.280

63, 35.197,
322.280

63, 35.197,
322.280

58, 47.285,
322.721

68, 22.908,
321.812

54, 58.862,
323.115

73, 10.646,
321.330

50, 69.507,
323.433

78, 1.446, 141.037

47, 78.717,
323.644

83, 13.280,
140.452

44, 85.981,
323.715

88, 24.804,
140.015

42, 90.912,
323.618

94, 35.996,
139.609


41, 93.623,
323.357

95, 38.109,
138.723

41, 93.907,

95, 37.655,
137.663

323.323

 95, 37.212,
136.569

Harmonies

Complementary

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



63, 35.197, 322.280



73, 34.926, 139.299

Rectangle

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



63, 35.197, 322.280



63, 35.197, 12.280



63, 35.197, 142.280



63, 35.197, 192.280

Sweetspot

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



63, 35.195, 322.280



92, 13.452, 321.348



61, 26.930, 287.937



48, 9.434, 321.420



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



63, 35.195, 322.280



76, 52.711, 322.583



63, 28.313, 339.349



37, 6.800, 321.358



34, 81.609, 323.390



3, 20.174, 319.885

Inverse Universe

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



62, 22.530, 11.938



75, 34.377, 12.942



73, 27.848, 154.713



37, 4.146, 9.684



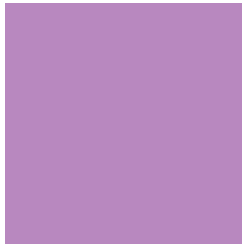
33, 67.758, 33.731



3, 12.373, 12.113

Previews

White Background



This preview shows how the CIELCh color 63, 35.197, 322.280 looks on a white background.

Color Contrast Check

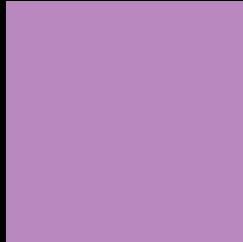
Large Text (above 18pt) WCAG AA × Fail

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, 35.197, 322.280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

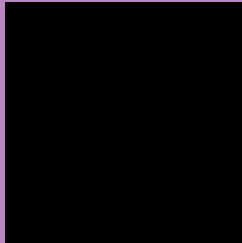
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 35.197, 322.280

Background



This preview shows how black text looks on a background with the CIELCh color 63, 35.197, 322.280.

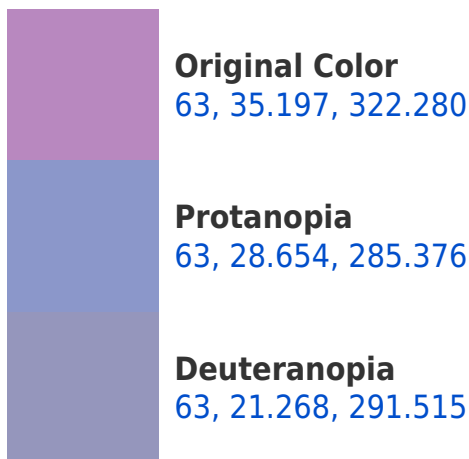


This preview shows how white text looks on a background with the CIELCh color 63, 35.197, 322.280.

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, 15.376, 357.581

Trichromacy



Original Color
63, 35.197, 322.280

Protanomaly
63, 29.376, 299.181

Deuteranomaly
63, 25.480, 306.292

Tritanomaly
63, 21.663, 337.664

Monochromacy



Original Color
63, 35.197, 322.280

Achromatopsia
65, 0.008, 296.813

Achromatomaly
64, 13.107, 322.264

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 35.197, 322.280 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, 136, 191)` looks like.

```
.text, #text, p{  
    color:rgb(184, 136, 191)  
}
```

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, 136, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 136, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 35.197, 322.280 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, 136, 191) }
```

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

```
.border{ border-color:rgb(184, 136, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 136, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 136, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 136, 191);  
box-shadow:4px 4px 4px 4px rgb(184, 136,  
191) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 35.197, 322.280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 136, 191) }
```

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

```
.background{ background-color: rgb(184,  
136, 191) }
```

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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