

Converting Colors

CIELCh(63, 35.134, 320.057)

Have a look what the booklet for
CIELCh(63, 35.134, 320.057)
contains.

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Color

CIELCh(63, 35.175, 320.197)

Conversions

Conversions Part 1

Format	Color
Hex	B689C1
RGB	182, 137, 193
RGB Percent	71%, 54%, 76%
CMY	0.2872, 0.4636, 0.2440
CMYK	0.06, 0.29, 0.00, 0.24
HSL	288°, 31%, 65%
HSV	288°, 29%, 76%
XYZ	37.7523, 31.5869, 54.4251
YIQ	156.8390, 8.8440, 26.9560

Conversions

Conversions Part 2

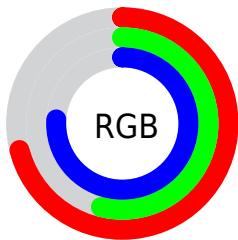
Format	Color
R_{YB}	182, 137, 193
Decimal	11962817
CIE _{Lab}	63.00, 27.02, -22.52
CIE _{LCh}	63, 35.175, 320.197
Yxy	31.5869, 0.3050, 0.2552
Android (android.graphics.Color)	4290152897 (0xFFB689C1)
YUV	156.8390, 17.8274, 22.0662
Hunter-Lab	56.2022, 21.5486, -18.0737

Details

The CIELCh color $63, 35.175, 320.197$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $74, 34.723, 137.399$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 35.178, 319.761$, and $43, 35.286, 320.200$ is the 20% darker color. If you saturate the color by 10%, you get $58, 47.259, 320.619$, and if you desaturate by 10%, it is $68, 22.960, 319.751$.

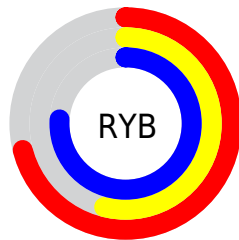
Distribution



Red (71%)

Green (54%)

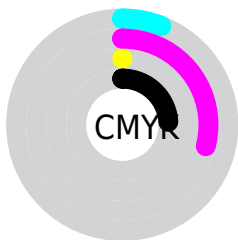
Blue (76%)



Red (71%)

Yellow (54%)

Blue (76%)

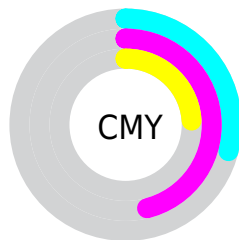


Cyan (6%)

Magenta (29%)

Yellow (0%)

Black (24%)



Cyan (29%)


Magenta (46%)


Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 35.175, 320.197 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, 35.175, 320.197 by changing the saturation by 10% instead.


 63, 35.175,
320.197


 63, 35.175,
320.197


 100, 35.175,
320.197


 53, 35.175,
320.197


 83, 35.175,
320.197

 43, 35.175,
320.197

 93, 35.175,
320.197

 33, 35.175,
320.197

 23, 35.175,
320.197

 13, 35.175,
320.197

 3, 35.175, 320.197

 0, 35.175, 320.197

63, 35.175,
320.197

63, 35.175,
320.197

58, 47.259,
320.619

68, 22.960,
319.751

54, 58.925,
320.992

73, 10.819,
319.295

50, 69.765,
321.285

78, 1.125, 139.059

46, 79.267,
321.456

84, 12.797,
138.475

43, 86.879,
321.461

89, 24.159,
138.073

41, 92.139,
321.258

95, 35.194,
137.703


39, 95.123,
320.850

96, 36.035,
136.123

39, 95.377,

96, 35.380,
134.274

320.809

 96, 34.762,
132.336

Harmonies

Complementary

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



63, 35.175, 320.197



74, 34.723, 137.399

Rectangle

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



63, 35.175, 320.197



63, 35.175, 10.197



63, 35.175, 140.197



63, 35.175, 190.197

Sweetspot

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



63, 35.173, 320.197



92, 13.297, 319.300



62, 25.306, 284.447



48, 9.250, 319.368



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, 35.173, 320.197



76, 52.352, 320.476



64, 30.102, 336.364



38, 6.815, 319.311



32, 83.297, 320.902



3, 22.020, 317.627

Inverse Universe

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



63, 23.143, 6.696



76, 34.886, 7.680



73, 29.789, 151.970



38, 4.324, 4.321



33, 65.574, 29.084



3, 14.278, 8.807

Previews

White Background



This preview shows how the CIELCh color 63, 35.175, 320.197 looks on a white background.

Color Contrast Check

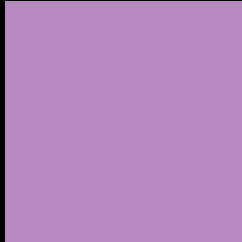
Large Text (above 18pt) WCAG AA × Fail

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, 35.175, 320.197 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

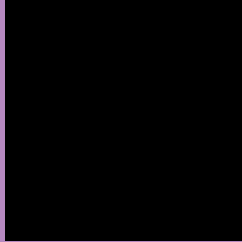
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 35.175, 320.197

Background



This preview shows how black text looks on a background with the CIELCh color 63, 35.175, 320.197.



This preview shows how white text looks on a background with the CIELCh color 63, 35.175, 320.197.

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



Original Color
63, 35.175, 320.197

Protanopia
63, 29.237, 284.993

Deuteranopia
63, 22.384, 290.807



Tritanopia
63, 13.917, 354.752

Trichromacy



Original Color
63, 35.175, 320.197

Protanomaly
63, 29.896, 298.462

Deuteranomaly
63, 26.417, 304.268

Tritanomaly
63, 20.987, 333.434

Monochromacy



Original Color
63, 35.175, 320.197

Achromatopsia
65, 0.008, 296.813

Achromatomaly
64, 12.723, 319.309

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 35.175, 320.197 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(182, 137, 193)` looks like.

```
.text, #text, p{  
    color:rgb(182, 137, 193)  
}
```

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(182, 137, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 137, 193) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 35.175, 320.197 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(182, 137, 193) }
```

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

```
.border{ border-color:rgb(182, 137, 193) }
```

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

Here you see how a box with a 4 pixel rgb(182, 137, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 137, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 137, 193);  
box-shadow:4px 4px 4px 4px rgb(182, 137,  
193) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 35.175, 320.197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 137, 193) }
```

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

```
.background{ background-color: rgb(182,  
137, 193) }
```

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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