

Converting Colors

CIELCh(63, 55.262, 313.340)

Have a look what the booklet for
CIELCh(63, 55.262, 313.340)
contains.

CIELCh(63, 55.263, 313.554)	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, 55.263, 313.554)

Conversions

Conversions Part 1

Format	Color
Hex	B882E0
RGB	184, 130, 224
RGB Percent	72%, 51%, 88%
CMY	0.2780, 0.4898, 0.1211
CMYK	0.18, 0.42, 0.00, 0.12
HSL	274°, 60%, 69%
HSV	274°, 42%, 88%
XYZ	41.2624, 31.5869, 74.5267
YIQ	156.8620, 2.0100, 40.6820

Conversions

Conversions Part 2

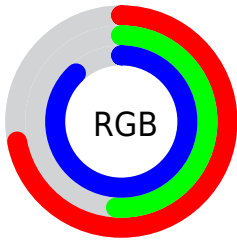
Format	Color
R_{YB}	184, 130, 224
Decimal	12092128
CIE _{Lab}	63.00, 38.08, -40.05
CIE _{LCh}	63, 55.263, 313.554
Yxy	31.5869, 0.2800, 0.2143
Android (android.graphics.Color)	4290282208 (0xFFB882E0)
YUV	156.8620, 33.0990, 23.8000
Hunter-Lab	56.2022, 32.6968, -39.2797

Details

The CIELCh color $63, 55.263, 313.554$ is a light color, and the websafe version is hex `CC99FF`. A complement of this color would be $84, 52.585, 129.673$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 42.306, 320.143$, and $43, 55.211, 313.606$ is the 20% darker color. If you saturate the color by 10%, you get $57, 68.512, 313.997$, and if you desaturate by 10%, it is $69, 41.814, 313.076$.

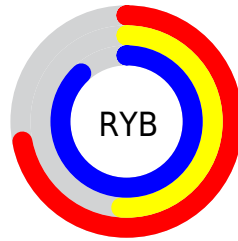
Distribution



Red (72%)

Green (51%)

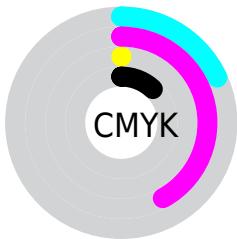
Blue (88%)



Red (72%)

Yellow (51%)

Blue (88%)

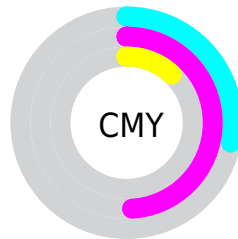


Cyan (18%)

Magenta (42%)

Yellow (0%)

Black (12%)



Cyan (28%)


Magenta (49%)


Yellow (12%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 55.263, 313.554 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, 55.263, 313.554 by changing the saturation by 10% instead.


 63, 55.263,
313.554


 63, 55.263,
313.554


 100, 55.263,
313.554


 53, 55.263,
313.554


 83, 55.263,
313.554

 43, 55.263,
313.554

 93, 55.263,
313.554

 33, 55.263,
313.554

 23, 55.263,
313.554

 13, 55.263,
313.554

 3, 55.263, 313.554

 0, 55.263, 313.554

63, 55.263,
313.554

63, 55.263,
313.554

57, 68.512,
313.997

69, 41.814,
313.076

52, 81.135,
314.354

75, 28.438,
312.595

47, 92.502,
314.557

82, 15.293,
312.130

43, 101.816,
314.513

88, 2.465, 311.646

40, 108.288,
314.127

94, 10.007,
131.328

38, 111.518,
313.585

98, 16.456,
126.466

99, 15.712,
114.488

99, 15.623,
108.997

Harmonies

Complementary

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



63, 55.263, 313.554



84, 52.585, 129.673

Rectangle

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



63, 55.263, 313.554



63, 55.263, 3.554



63, 55.263, 133.554



63, 55.263, 183.554

Sweetspot

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



63, 55.261, 313.554



91, 18.508, 312.182



69, 31.190, 269.752



47, 12.987, 312.284



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, 55.261, 313.554



66, 73.246, 313.931



67, 57.033, 328.653



44, 7.254, 312.016



29, 92.939, 313.764



4, 34.004, 313.125

Inverse Universe

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



66, 41.447, 352.540



69, 54.518, 353.910



82, 57.179, 142.962



44, 5.475, 348.664



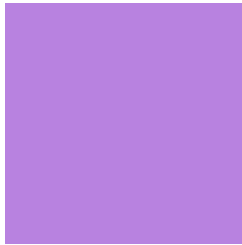
37, 63.976, 8.994



6, 25.832, 0.044

Previews

White Background



This preview shows how the CIELCh color 63, 55.263, 313.554 looks on a white background.

Color Contrast Check

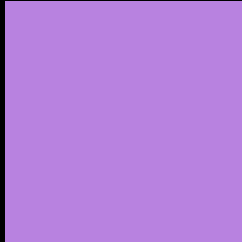
Large Text (above 18pt) WCAG AA × Fail

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, 55.263, 313.554 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, 55.263, 313.554

Background



This preview shows how black text looks on a background with the CIELCh color 63, 55.263, 313.554.

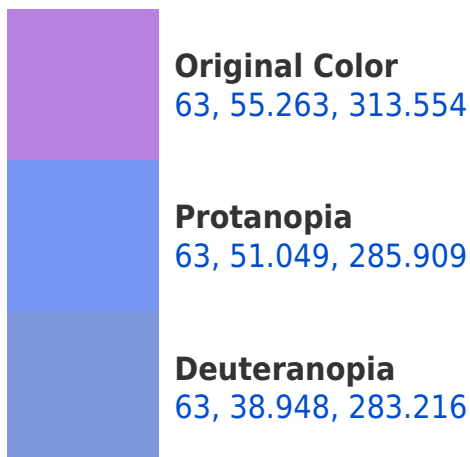



This preview shows how white text looks on a background with the CIELCh color 63, 55.263, 313.554.

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, 12.505, 351.340

Trichromacy



Original Color
63, 55.263, 313.554



Protanomaly
63, 51.463, 295.442



Deuteranomaly
63, 43.780, 296.330



Tritanomaly
63, 26.685, 322.866

Monochromacy



Original Color
63, 55.263, 313.554



Achromatopsia
65, 0.008, 296.813



Achromatomaly
64, 20.438, 312.889

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 55.263, 313.554 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, 130, 224)` looks like.

```
.text, #text, p{  
    color:rgb(184, 130, 224)  
}
```

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, 130, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 130, 224) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 55.263, 313.554 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, 130, 224) }
```

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

```
.border{ border-color:rgb(184, 130, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 130, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 130, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 130, 224);  
box-shadow:4px 4px 4px 4px rgb(184, 130,  
224) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 55.263, 313.554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 130, 224) }
```

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

```
.background{ background-color: rgb(184,  
130, 224) }
```

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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