

Converting Colors

CIELCh(63, 55.089, 326.640)

Have a look what the booklet for
CIELCh(63, 55.089, 326.640)
contains.

CIELCh(63, 54.810, 326.622)	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, 54.810, 326.622)

Conversions

Conversions Part 1

Format	Color
Hex	CF7ACF
RGB	207, 122, 207
RGB Percent	81%, 48%, 81%
CMY	0.1892, 0.5224, 0.1892
CMYK	0.00, 0.41, 0.00, 0.19
HSL	300°, 47%, 64%
HSV	300°, 41%, 81%
XYZ	43.8287, 31.5869, 62.6651
YIQ	157.1050, 23.3750, 44.4550

Conversions

Conversions Part 2

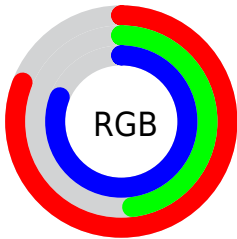
Format	Color
R_{YB}	207, 122, 207
Decimal	13597391
CIE _{Lab}	63.00, 45.77, -30.15
CIE _{LCh}	63, 54.810, 326.622
Yxy	31.5869, 0.3174, 0.2288
Android (android.graphics.Color)	4291787471 (0xFFCF7ACF)
YUV	157.1050, 24.5982, 43.7579
Hunter-Lab	56.2022, 40.8472, -26.7664

Details

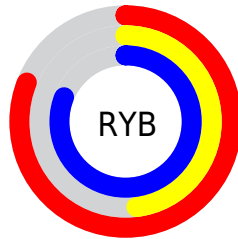
The CIELCh color $63, 54.810, 326.622$ is a light color, and the websafe version is hex `CC66CC`. A complement of this color would be $76, 54.933, 141.299$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 49.432, 326.132$, and $43, 54.607, 326.784$ is the 20% darker color. If you saturate the color by 10%, you get $59, 66.875, 327.082$, and if you desaturate by 10%, it is $67, 41.865, 326.117$.

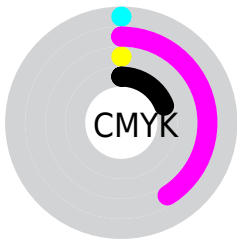
Distribution



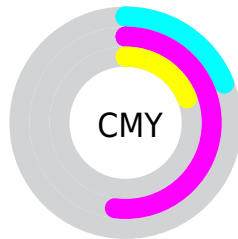
- Red (81%)
- Green (48%)
- Blue (81%)



- Red (81%)
- Yellow (48%)
- Blue (81%)



- Cyan (0%)
- Magenta (41%)
- Yellow (0%)
- Black (19%)





- Cyan (19%)
- Magenta (52%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 54.810, 326.622 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, 54.810, 326.622 by changing the saturation by 10% instead.


 63, 54.810,
326.622

 63, 54.810,
326.622


 100, 54.810,
326.622


 53, 54.810,
326.622


 83, 54.810,
326.622

 43, 54.810,
326.622

 93, 54.810,
326.622

 33, 54.810,
326.622

 23, 54.810,
326.622

 13, 54.810,
326.622

 3, 54.810, 326.622

 0, 54.810, 326.622

63, 54.810,
326.622

63, 54.810,
326.622

59, 66.875,
327.082

67, 41.865,
326.117

56, 77.570,
327.479

72, 28.467,
325.582

53, 86.376,
327.797

77, 14.929,
325.029

51, 92.867,
328.028

82, 1.479, 324.322

50, 96.851,
328.167

88, 11.737,
143.987

49, 98.669,
328.230

93, 24.627,
143.455

96, 30.223,
143.228

96, 30.222,
143.228

■ 96, 30.222,
143.227

Harmonies

Complementary

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



63, 54.810, 326.622



76, 54.933, 141.299

Rectangle

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



63, 54.810, 326.622



63, 54.810, 16.622



63, 54.810, 146.622



63, 54.810, 196.622

Sweetspot

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



63, 54.808, 326.622



93, 19.141, 325.088



55, 47.987, 295.130



48, 12.704, 325.162



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, 54.808, 326.622



73, 76.288, 327.016



62, 39.921, 346.790



41, 7.693, 324.934



40, 84.660, 328.230



6, 31.112, 327.822

Inverse Universe

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



60, 36.047, 23.472



69, 52.290, 25.034



77, 38.209, 158.717



41, 4.460, 19.922



35, 76.452, 39.861



4, 20.018, 19.464

Previews

White Background



This preview shows how the CIELCh color 63, 54.810, 326.622 looks on a white background.

Color Contrast Check

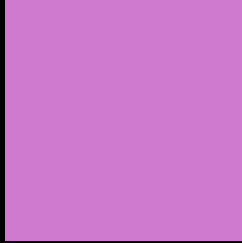
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 63, 54.810, 326.622 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

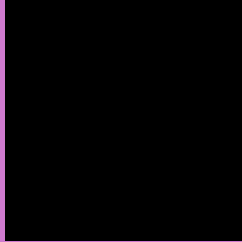
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 54.810, 326.622

Background



This preview shows how black text looks on a background with the CIELCh color 63, 54.810, 326.622.

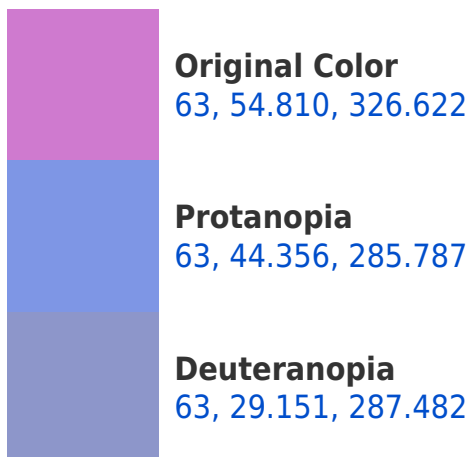


This preview shows how white text looks on a background with the CIELCh color 63, 54.810, 326.622.

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, 26.319, 10.214

Trichromacy



Original Color
63, 54.810, 326.622



Protanomaly
62, 45.781, 300.724



Deuteranomaly
63, 37.012, 306.971



Tritanomaly
63, 33.986, 346.281

Monochromacy



Original Color
63, 54.810, 326.622



Achromatopsia
65, 0.008, 296.813



Achromatomaly
63, 20.851, 325.387

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 54.810, 326.622 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(207, 122, 207)` looks like.

```
.text, #text, p{  
    color:rgb(207, 122, 207)  
}
```

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(207, 122, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 122, 207) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 54.810, 326.622 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(207, 122, 207) }
```

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

```
.border{ border-color:rgb(207, 122, 207) }
```

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

Here you see how a box with a 4 pixel rgb(207, 122, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 122, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 122, 207);  
box-shadow:4px 4px 4px 4px rgb(207, 122,  
207) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 54.810, 326.622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 122, 207) }
```

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

```
.background{ background-color: rgb(207,  
122, 207) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor