

Converting Colors

CIELCh(63, 45.054, 326.101)

Have a look what the booklet for
CIELCh(63, 45.054, 326.101)
contains.

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Color

CIELCh(63, 45.011, 325.889)

Conversions

Conversions Part 1

Format	Color
Hex	C581C6
RGB	197, 129, 198
RGB Percent	77%, 51%, 78%
CMY	0.2280, 0.4946, 0.2241
CMYK	0.01, 0.35, 0.00, 0.22
HSL	299°, 38%, 64%
HSV	299°, 35%, 78%
XYZ	40.9977, 31.5869, 57.2764
YIQ	157.1980, 18.3790, 35.8750

Conversions

Conversions Part 2

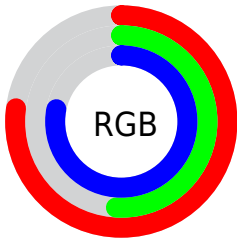
Format	Color
R _Y B	197, 129, 198
Decimal	12943814
CIE Lab	63.00, 37.27, -25.24
CIE LCh	63, 45.011, 325.889
Yxy	31.5869, 0.3157, 0.2432
Android (android.graphics.Color)	4291133894 (0xFFC581C6)
YUV	157.1980, 20.1154, 34.9064
Hunter-Lab	56.2022, 31.8561, -21.0816

Details

The CIELCh color $63, 45.011, 325.889$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $74, 45.007, 141.589$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 45.110, 325.986$, and $43, 44.982, 325.891$ is the 20% darker color. If you saturate the color by 10%, you get $59, 57.229, 326.367$, and if you desaturate by 10%, it is $68, 32.233, 325.375$.

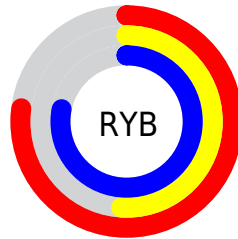
Distribution



Red (77%)

Green (51%)

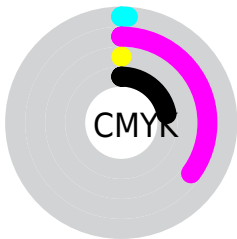
Blue (78%)



Red (77%)

Yellow (51%)

Blue (78%)

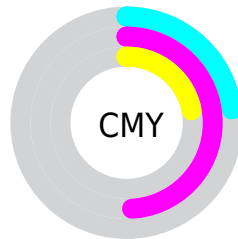


Cyan (1%)

Magenta (35%)

Yellow (0%)

Black (22%)



Cyan (23%)


Magenta (49%)

Yellow (22%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 45.011, 325.889 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, 45.011, 325.889 by changing the saturation by 10% instead.

 63, 45.011,
325.889


 63, 45.011,
325.889


 100, 45.011,
325.889


 53, 45.011,
325.889


 83, 45.011,
325.889

 43, 45.011,
325.889

 93, 45.011,
325.889

 33, 45.011,
325.889

 23, 45.011,
325.889

 13, 45.011,
325.889

 3, 45.011, 325.889

 0, 45.011, 325.889

63, 45.011,
325.889

63, 45.011,
325.889

59, 57.229,
326.367

68, 32.233,
325.375

55, 68.466,
326.792

72, 19.238,
324.839

52, 78.225,
327.145

77, 6.264, 324.276

50, 86.019,
327.411

82, 6.525, 143.826

48, 91.489,
327.578

88, 19.029,
143.285

47, 94.548,
327.646

93, 31.190,
142.785

47, 95.531,
327.657

95, 35.615,
142.527

95, 35.557,
142.403

■ 95, 35.498,
142.279

Harmonies

Complementary

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



63, 45.011, 325.889



74, 45.007, 141.589

Rectangle

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



63, 45.011, 325.889



63, 45.011, 15.889



63, 45.011, 145.889



63, 45.011, 195.889

Sweetspot

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



63, 45.009, 325.889



94, 15.863, 324.580



57, 38.751, 294.010



49, 10.831, 324.659



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, 45.009, 325.889



76, 66.052, 326.265



62, 32.748, 346.027



39, 7.349, 324.538



38, 82.810, 327.665



4, 26.579, 326.450

Inverse Universe

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



61, 28.787, 21.436



73, 43.700, 22.651



75, 31.510, 159.478



39, 4.278, 18.747



34, 74.058, 39.192



3, 15.889, 18.652

Previews

White Background



This preview shows how the CIELCh color 63, 45.011, 325.889 looks on a white background.

Color Contrast Check

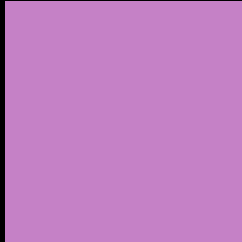
Large Text (above 18pt) WCAG AA × Fail

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, 45.011, 325.889 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

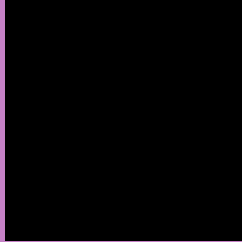
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 45.011, 325.889

Background



This preview shows how black text looks on a background with the CIELCh color 63, 45.011, 325.889.



This preview shows how white text looks on a background with the CIELCh color 63, 45.011, 325.889.

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, 45.011, 325.889

Protanopia
63, 35.423, 284.851

Deuteranopia
63, 24.627, 289.653



Tritanopia
63, 21.035, 6.416

Trichromacy



Original Color
63, 45.011, 325.889



Protanomaly
63, 36.802, 300.608



Deuteranomaly
63, 30.818, 307.518



Tritanomaly
63, 27.966, 343.023

Monochromacy



Original Color
63, 45.011, 325.889



Achromatopsia
65, 0.008, 296.813



Achromatomaly
64, 16.649, 324.104

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 45.011, 325.889 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(197, 129, 198)` looks like.

```
.text, #text, p{  
    color:rgb(197, 129, 198)  
}
```

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(197, 129, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 129, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 45.011, 325.889 is called "border". The border property can be set on classes, ids or directly on the HTML element.

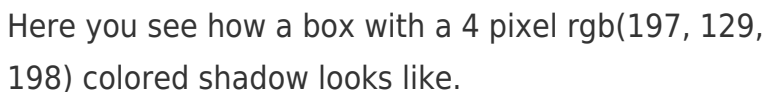
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 129, 198) }
```

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

```
.border{ border-color:rgb(197, 129, 198) }
```

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



Here you see how a box with a 4 pixel `rgb(197, 129, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 129, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 129, 198);  
box-shadow:4px 4px 4px 4px rgb(197, 129,  
198) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 45.011, 325.889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 129, 198) }
```

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

```
.background{ background-color: rgb(197,  
129, 198) }
```

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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