

Converting Colors

CIELCh(55, 45.505, 304.069)

Have a look what the booklet for
CIELCh(55, 45.505, 304.069)
contains.

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Color

CIELCh(55, 45.505, 304.069)

Conversions

Conversions Part 1

Format	Color
Hex	8D77C5
RGB	141, 119, 197
RGB Percent	55%, 47%, 77%
CMY	0.4466, 0.5329, 0.2270
CMYK	0.28, 0.40, 0.00, 0.23
HSL	257°, 40%, 62%
HSV	257°, 40%, 77%
XYZ	27.7065, 22.9298, 55.8616
YIQ	134.4700, -11.9260, 28.9220

Conversions

Conversions Part 2

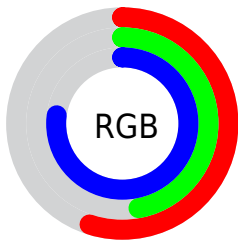
Format	Color
RYB	141, 119, 197
Decimal	9271237
CIELab	55.00, 25.49, -37.69
CIELCh	55, 45.505, 304.069
Yxy	22.9298, 0.2602, 0.2153
Android (android.graphics.Color)	4287461317 (0xFF8D77C5)
YUV	134.4700, 30.8273, 5.7268
Hunter-Lab	47.8851, 19.4816, -35.6466

Details

The CIELCh color **55, 45.505, 304.069** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **76, 41.811, 118.790**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **75, 45.753, 304.130**, and **35, 45.805, 304.013** is the 20% darker color. If you saturate the color by 10%, you get **49, 57.833, 305.017**, and if you desaturate by 10%, it is **61, 33.444, 303.194**.

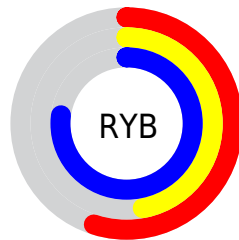
Distribution



Red (55%)

Green (47%)

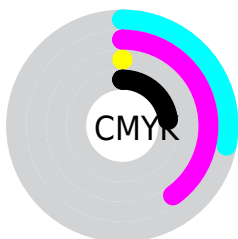
Blue (77%)



Red (55%)

Yellow (47%)

Blue (77%)

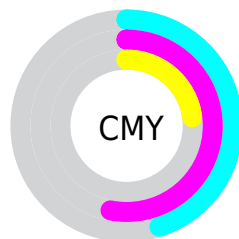


Cyan (28%)

Magenta (40%)

Yellow (0%)

Black (23%)



Cyan (45%)


Magenta (53%)


Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 55, 45.505, 304.069 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 55, 45.505, 304.069 by changing the saturation by 10% instead.


 55, 45.505,
304.069


 55, 45.505,
304.069


 100, 45.505,
304.069


 45, 45.505,
304.069


 75, 45.505,
304.069

 35, 45.505,
304.069

 85, 45.505,
304.069

 25, 45.505,
304.069

 95, 45.505,
304.069

 15, 45.505,
304.069

 5, 45.505, 304.069

 0, 45.505, 304.069

55, 45.505,
304.069

55, 45.505,
304.069

49, 57.833,
305.017

61, 33.444,
303.194

43, 70.213,
305.996

67, 21.748,
302.406

38, 82.202,
306.929

74, 10.451,
301.708

33, 93.025,
307.684

80, 0.447, 121.196

29, 101.549,
308.081

86, 10.959,
120.578

26, 107.132,
308.061

92, 21.104,
120.119

26, 107.355,
308.063

98, 29.757,
118.716

99, 29.173,
108.459

■ 99, 29.170,
107.961

Harmonies

Complementary

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



55, 45.505, 304.069



76, 41.811, 118.790

Rectangle

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



55, 45.505, 304.069



55, 45.505, 354.069



55, 45.505, 124.069



55, 45.505, 174.069

Sweetspot

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



55, 45.504, 304.069



91, 16.218, 301.882



69, 21.144, 231.170



47, 10.783, 301.972



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



55, 45.504, 304.069



64, 67.411, 304.837



59, 48.426, 319.500



39, 6.234, 301.696



21, 93.170, 308.183



2, 21.781, 299.131

Inverse Universe

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



60, 42.041, 336.448



72, 60.839, 337.141



74, 47.428, 135.703



39, 6.060, 334.166



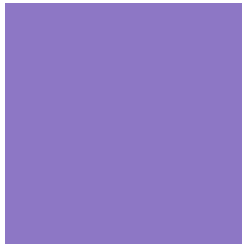
36, 66.992, 343.400



4, 20.883, 339.494

Previews

White Background



This preview shows how the CIELCh color 55, 45.505, 304.069 looks on a white background.

Color Contrast Check

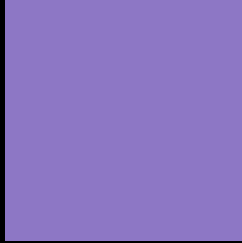
Large Text (above 18pt) WCAG AA ✓ Pass

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 55, 45.505, 304.069 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

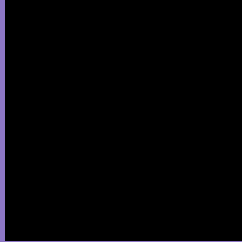
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 45.505, 304.069

Background



This preview shows how black text looks on a background with the CIELCh color 55, 45.505, 304.069.

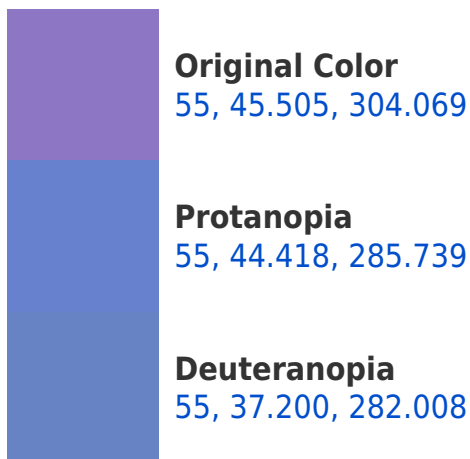



This preview shows how white text looks on a background with the CIELCh color 55, 45.505, 304.069.

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
55, 5.756, 287.073

Trichromacy



Original Color
55, 45.505, 304.069

Protanomaly
55, 44.792, 292.285

Deuteranomaly
55, 39.639, 290.340

Tritanomaly
55, 19.797, 299.807

Monochromacy



Original Color
55, 45.505, 304.069

Achromatopsia
56, 0.007, 296.813

Achromatomaly
56, 16.972, 302.072

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 45.505, 304.069 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(141, 119, 197)` looks like.

```
.text, #text, p{  
    color:rgb(141, 119, 197)  
}
```

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(141, 119, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 119, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 45.505, 304.069 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(141, 119, 197) }
```

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

```
.border{ border-color:rgb(141, 119, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 119, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 119, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 119, 197);  
box-shadow:4px 4px 4px 4px rgb(141, 119,  
197) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 45.505, 304.069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 119, 197) }
```

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

```
.background{ background-color: rgb(141,  
119, 197) }
```

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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