

Converting Colors

CIELCh(55, 58.926, 304.487)

Have a look what the booklet for
CIELCh(55, 58.926, 304.487)
contains.

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Color

CIELCh(55, 58.526, 304.331)

Conversions

Conversions Part 1

Format	Color
Hex	8E73D8
RGB	142, 115, 216
RGB Percent	56%, 45%, 85%
CMY	0.4436, 0.5494, 0.1534
CMYK	0.34, 0.47, 0.00, 0.15
HSL	256°, 56%, 65%
HSV	256°, 47%, 85%
XYZ	29.6338, 22.9298, 67.7498
YIQ	134.5870, -16.3290, 37.1350

Conversions

Conversions Part 2

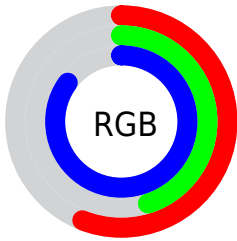
Format	Color
RYB	142, 115, 216
Decimal	9335768
CIELab	55.00, 33.01, -48.33
CIELCh	55, 58.526, 304.331
Yxy	22.9298, 0.2463, 0.1906
Android (android.graphics.Color)	4287525848 (0xFF8E73D8)
YUV	134.5870, 40.1366, 6.5012
Hunter-Lab	47.8851, 26.6661, -50.3663

Details

The CIELCh color **55, 58.526, 304.331** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **82, 52.610, 117.764**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **74, 48.847, 305.957**, and **35, 58.930, 304.267** is the 20% darker color. If you saturate the color by 10%, you get **49, 71.907, 305.358**, and if you desaturate by 10%, it is **62, 45.296, 303.358**.

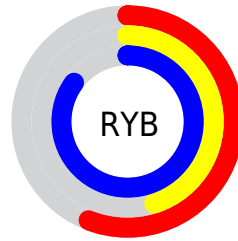
Distribution



Red (56%)

Green (45%)

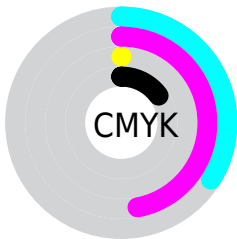
Blue (85%)



Red (56%)

Yellow (45%)

Blue (85%)

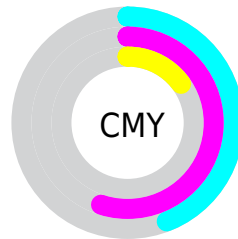


Cyan (34%)

Magenta (47%)

Yellow (0%)

Black (15%)



Cyan (44%)


Magenta (55%)


Yellow (15%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 55, 58.526, 304.331 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, 58.526, 304.331 by changing the saturation by 10% instead.


 55, 58.526,
304.331


 55, 58.526,
304.331


 100, 58.526,
304.331


 45, 58.526,
304.331


 75, 58.526,
304.331

 35, 58.526,
304.331

 85, 58.526,
304.331

 25, 58.526,
304.331

 95, 58.526,
304.331

 15, 58.526,
304.331

 5, 58.526, 304.331

 0, 58.526, 304.331

55, 58.526,
304.331

55, 58.526,
304.331

49, 71.907,
305.358

62, 45.296,
303.358

43, 85.038,
306.369

68, 32.409,
302.470

37, 97.169,
307.242

75, 19.942,
301.678

33, 107.122,
307.797

82, 7.915, 300.981

30, 113.621,
307.854

88, 3.679, 120.391

29, 115.269,
307.842

95, 14.858,
119.860

99, 19.801,
111.228

99, 19.772,
108.681

Harmonies

Complementary

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



55, 58.526, 304.331



82, 52.610, 117.764

Rectangle

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



55, 58.526, 304.331



55, 58.526, 354.331



55, 58.526, 124.331



55, 58.526, 174.331

Sweetspot

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



55, 58.525, 304.331



89, 18.957, 301.485



73, 26.108, 232.393



46, 13.139, 301.643



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, 58.525, 304.331



57, 81.161, 305.332



60, 61.394, 319.782



41, 6.615, 301.156



22, 96.645, 307.975



2, 27.986, 300.688

Inverse Universe

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



62, 53.485, 336.426



68, 71.597, 337.287



79, 59.958, 135.230



42, 6.510, 333.587



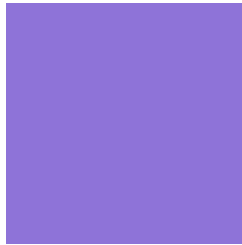
38, 69.940, 342.435



6, 27.085, 339.276

Previews

White Background



This preview shows how the CIELCh color 55, 58.526, 304.331 looks on a white background.

Color Contrast Check

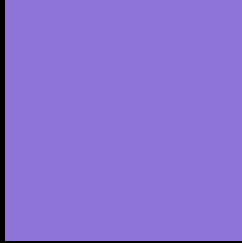
Large Text (above 18pt) WCAG AA ✓ Pass

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, 58.526, 304.331 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

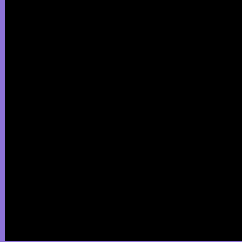
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 58.526, 304.331

Background



This preview shows how black text looks on a background with the CIELCh color 55, 58.526, 304.331.



This preview shows how white text looks on a background with the CIELCh color 55, 58.526, 304.331.

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, 6.134, 269.150

Trichromacy



Original Color
55, 58.526, 304.331

Protanomaly
55, 57.896, 292.511

Deuteranomaly
55, 50.005, 289.247

Tritanomaly
55, 24.914, 297.912

Monochromacy



Original Color
55, 58.526, 304.331

Achromatopsia
56, 0.007, 296.813

Achromatomaly
55, 21.656, 302.195

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 58.526, 304.331 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(142, 115, 216)` looks like.

```
.text, #text, p{  
    color:rgb(142, 115, 216)  
}
```

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(142, 115, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 115, 216) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 58.526, 304.331 is called "border". The border property can be set on classes, ids or directly on the HTML element.

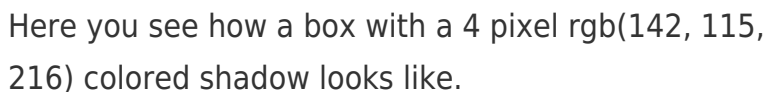
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(142, 115, 216) }
```

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

```
.border{ border-color:rgb(142, 115, 216) }
```

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



Here you see how a box with a 4 pixel `rgb(142, 115, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 115, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 115, 216);  
box-shadow:4px 4px 4px 4px rgb(142, 115,  
216) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 58.526, 304.331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 115, 216) }
```

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

```
.background{ background-color: rgb(142,  
115, 216) }
```

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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