

Converting Colors

CIELCh(55, 54.487, 303.804)

Have a look what the booklet for
CIELCh(55, 54.487, 303.804)
contains.

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Color

CIELCh(55, 53.949, 303.795)

Conversions

Conversions Part 1

Format	Color
Hex	8D75D2
RGB	141, 117, 210
RGB Percent	55%, 46%, 82%
CMY	0.4482, 0.5423, 0.1777
CMYK	0.33, 0.44, 0.00, 0.18
HSL	255°, 51%, 64%
HSV	255°, 44%, 82%
XYZ	28.8542, 22.9298, 63.6717
YIQ	134.7780, -15.5490, 34.0110

Conversions

Conversions Part 2

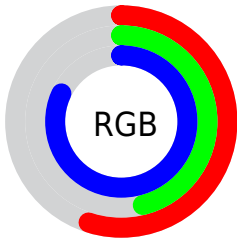
Format	Color
RYB	141, 117, 210
Decimal	9270738
CIELab	55.00, 30.01, -44.83
CIELCh	55, 53.949, 303.795
Yxy	22.9298, 0.2499, 0.1986
Android (android.graphics.Color)	4287460818 (0xFF8D75D2)
YUV	134.7780, 37.0844, 5.4567
Hunter-Lab	47.8851, 23.7602, -45.3170

Details

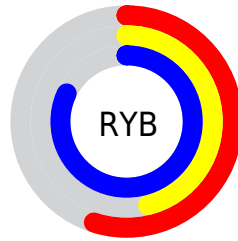
The CIELCh color $55, 53.949, 303.795$ is a light color, and the websafe version is hex $9966CC$. A complement of this color would be $81, 48.783, 117.501$, and the grayscale version is $56, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 47.558, 305.020$, and $35, 54.155, 303.840$ is the 20% darker color. If you saturate the color by 10%, you get $49, 67.023, 304.839$, and if you desaturate by 10%, it is $61, 41.095, 302.820$.

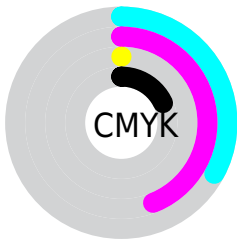
Distribution



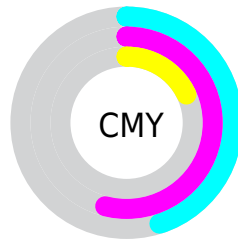
- Red (55%)
- Green (46%)
- Blue (82%)



- Red (55%)
- Yellow (46%)
- Blue (82%)



- Cyan (33%)
- Magenta (44%)
- Yellow (0%)
- Black (18%)



- Cyan (45%)
- Magenta (54%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 55, 53.949, 303.795 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, 53.949, 303.795 by changing the saturation by 10% instead.

■ 55, 53.949,
303.795

■ 55, 53.949,
303.795

■ 100, 53.949,
303.795

■ 45, 53.949,
303.795

■ 75, 53.949,
303.795

■ 35, 53.949,
303.795

■ 85, 53.949,
303.795

■ 25, 53.949,
303.795

■ 95, 53.949,
303.795

■ 15, 53.949,
303.795

■ 5, 53.949, 303.795

■ 0, 53.949, 303.795

55, 53.949,
303.795

55, 53.949,
303.795

49, 67.023,
304.839

61, 41.095,
302.820

43, 79.995,
305.893

68, 28.611,
301.939

37, 92.233,
306.850

75, 16.550,
301.159

33, 102.683,
307.542

81, 4.921, 300.471

88, 6.288, 119.891

29, 110.011,
307.768

94, 17.096,
119.375

28, 112.916,
307.753

99, 22.993,
113.428

99, 22.887,
108.443

Harmonies

Complementary

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



55, 53.949, 303.795



81, 48.783, 117.501

Rectangle

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



55, 53.949, 303.795



55, 53.949, 353.795



55, 53.949, 123.795



55, 53.949, 173.795

Sweetspot

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



55, 53.948, 303.795



90, 17.552, 301.072



72, 24.423, 229.490



46, 12.332, 301.235



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, 53.948, 303.795



59, 76.558, 304.760



60, 56.775, 319.172



41, 6.478, 300.809



21, 95.704, 307.878



2, 25.883, 299.708

Inverse Universe

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



62, 50.026, 335.813



69, 68.768, 336.591



78, 55.365, 134.932



41, 6.425, 333.222



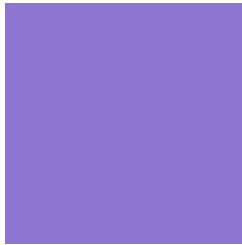
38, 69.625, 341.775



5, 25.494, 338.585

Previews

White Background



This preview shows how the CIELCh color 55, 53.949, 303.795 looks on a white background.

Color Contrast Check

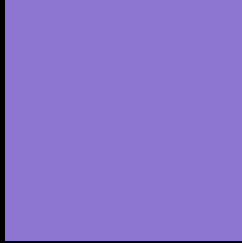
Large Text (above 18pt) WCAG AA ✓ Pass

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, 53.949, 303.795 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

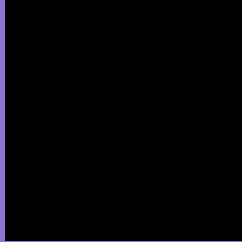
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 53.949, 303.795

Background



This preview shows how black text looks on a background with the CIELCh color 55, 53.949, 303.795.

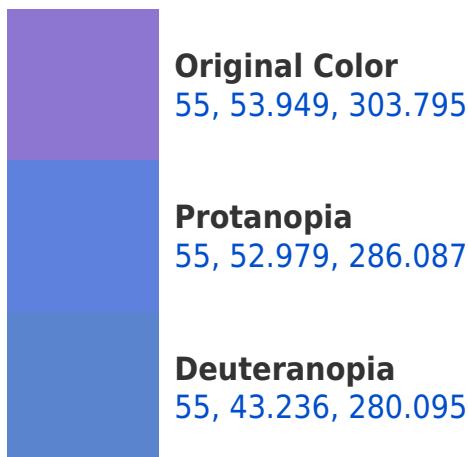


This preview shows how white text looks on a background with the CIELCh color 55, 53.949, 303.795.

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, 6.013, 272.502

Trichromacy



Original Color
55, 53.949, 303.795

Protanomaly
55, 52.735, 291.655

Deuteranomaly
55, 46.569, 289.543

Tritanomaly
55, 23.773, 298.051

Monochromacy



Original Color
55, 53.949, 303.795

Achromatopsia
56, 0.007, 296.813

Achromatomaly
55, 19.821, 300.837

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 53.949, 303.795 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, 117, 210)` looks like.

```
.text, #text, p{  
    color:rgb(141, 117, 210)  
}
```

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, 117, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 117, 210) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 53.949, 303.795 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, 117, 210) }
```

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

```
.border{ border-color:rgb(141, 117, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 117, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 117, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 117, 210);  
box-shadow:4px 4px 4px 4px rgb(141, 117,  
210) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 53.949, 303.795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 117, 210) }
```

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

```
.background{ background-color: rgb(141,  
117, 210) }
```

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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