

Converting Colors

CIELCh(55, 43.867, 307.162)

Have a look what the booklet for
CIELCh(55, 43.867, 307.162)
contains.

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Color

CIELCh(55, 43.646, 307.057)

Conversions

Conversions Part 1

Format	Color
Hex	9276C0
RGB	146, 118, 192
RGB Percent	57%, 46%, 75%
CMY	0.4268, 0.5367, 0.2464
CMYK	0.24, 0.39, 0.00, 0.25
HSL	263°, 37%, 61%
HSV	263°, 39%, 75%
XYZ	27.9100, 22.9298, 52.9175
YIQ	134.8080, -7.0660, 28.9500

Conversions

Conversions Part 2

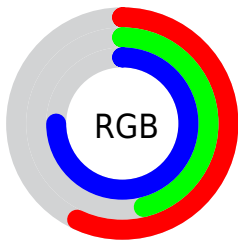
Format	Color
RYB	146, 118, 192
Decimal	9598656
CIELab	55.00, 26.30, -34.83
CIELCh	55, 43.646, 307.057
Yxy	22.9298, 0.2690, 0.2210
Android (android.graphics.Color)	4287788736 (0xFF9276C0)
YUV	134.8080, 28.1957, 9.8154
Hunter-Lab	47.8851, 20.2405, -32.0014

Details

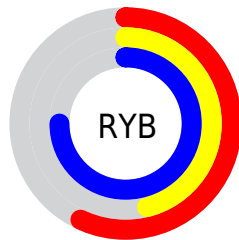
The CIELCh color $55, 43.646, 307.057$ is a light color, and the websafe version is hex 996699 . A complement of this color would be $74, 40.665, 122.729$, and the grayscale version is $56, 0.007, 296.813$.

A 20% lighter version of the original color is $75, 44.059, 307.079$, and $35, 43.713, 307.312$ is the 20% darker color. If you saturate the color by 10%, you get $49, 55.609, 307.785$, and if you desaturate by 10%, it is $61, 31.857, 306.364$.

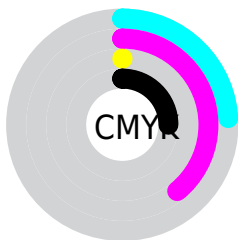
Distribution



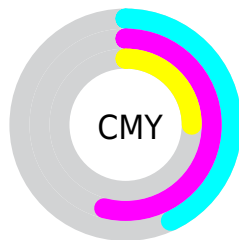
- Red (57%)
- Green (46%)
- Blue (75%)



- Red (57%)
- Yellow (46%)
- Blue (75%)



- Cyan (24%)
- Magenta (39%)
- Yellow (0%)
- Black (25%)





- Cyan (43%)
- Magenta (54%)
- Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 55, 43.646, 307.057 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, 43.646, 307.057 by changing the saturation by 10% instead.


 55, 43.646,
307.057


 55, 43.646,
307.057


 100, 43.646,
307.057


 45, 43.646,
307.057


 75, 43.646,
307.057

 35, 43.646,
307.057

 85, 43.646,
307.057

 25, 43.646,
307.057

 95, 43.646,
307.057

 15, 43.646,
307.057

 5, 43.646, 307.057

 0, 43.646, 307.057

55, 43.646,
307.057

55, 43.646,
307.057

49, 55.609,
307.785

61, 31.857,
306.364

44, 67.517,
308.508

67, 20.364,
305.724

39, 78.946,
309.158

73, 9.217, 305.145

34, 89.205,
309.624

79, 1.569, 124.690

30, 97.352,
309.764

85, 11.996,
124.200

28, 102.751,
309.499

90, 22.075,
123.805

27, 103.487,
309.465

96, 31.823,
123.464

98, 32.083,
116.765

 99, 31.644,
108.698

Harmonies

Complementary

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



55, 43.646, 307.057



74, 40.665, 122.729

Rectangle

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



55, 43.646, 307.057



55, 43.646, 357.057



55, 43.646, 127.057



55, 43.646, 177.057

Sweetspot

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



55, 43.645, 307.057



89, 16.171, 305.352



65, 20.839, 245.186



47, 10.747, 305.427



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



55, 43.645, 307.057



65, 65.150, 307.654



59, 47.121, 322.527



38, 6.187, 305.193



22, 90.481, 309.603



2, 19.879, 301.385

Inverse Universe

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



59, 37.648, 340.828



71, 55.157, 341.680



72, 46.671, 138.438



38, 5.538, 338.291



35, 62.612, 350.735



3, 17.136, 344.951

Previews

White Background



This preview shows how the CIELCh color 55, 43.646, 307.057 looks on a white background.

Color Contrast Check

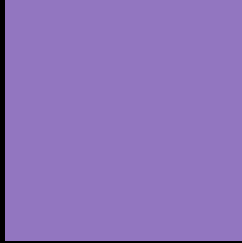
Large Text (above 18pt) WCAG AA ✓ Pass

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, 43.646, 307.057 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

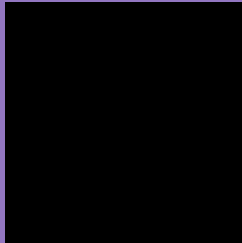
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 43.646, 307.057

Background



This preview shows how black text looks on a background with the CIELCh color 55, 43.646, 307.057.



This preview shows how white text looks on a background with the CIELCh color 55, 43.646, 307.057.

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
55, 43.646, 307.057

Protanopia
55, 42.105, 285.905

Deuteranopia
55, 34.221, 282.737



Tritanopia
55, 6.574, 319.093

Trichromacy



Original Color
55, 43.646, 307.057

Protanomaly
55, 41.937, 293.334

Deuteranomaly
55, 37.352, 293.050

Tritanomaly
55, 19.882, 308.477

Monochromacy



Original Color
55, 43.646, 307.057

Achromatopsia
56, 0.007, 296.813

Achromatomaly
56, 16.004, 305.351

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 43.646, 307.057 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(146, 118, 192)` looks like.

```
.text, #text, p{  
    color:rgb(146, 118, 192)  
}
```

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(146, 118, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 118, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 43.646, 307.057 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(146, 118, 192) }
```

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

```
.border{ border-color:rgb(146, 118, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 118, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 118, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 118, 192);  
box-shadow:4px 4px 4px 4px rgb(146, 118,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 43.646, 307.057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 118, 192) }
```

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

```
.background{ background-color: rgb(146,  
118, 192) }
```

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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