

Converting Colors

CIELCh(55, 70.148, 308.750)

Have a look what the booklet for
CIELCh(55, 70.148, 308.750)
contains.

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Color

CIELCh(55, 69.715, 308.776)

Conversions

Conversions Part 1

Format	Color
Hex	9B6BE3
RGB	155, 107, 227
RGB Percent	61%, 42%, 89%
CMY	0.3933, 0.5814, 0.1110
CMYK	0.32, 0.53, 0.00, 0.11
HSL	264°, 68%, 65%
HSV	264°, 53%, 89%
XYZ	32.5161, 22.9298, 75.1707
YIQ	135.0320, -9.9120, 47.4960

Conversions

Conversions Part 2

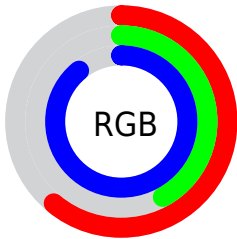
Format	Color
RYB	155, 107, 227
Decimal	10185699
CIELab	55.00, 43.66, -54.35
CIELCh	55, 69.715, 308.776
Yxy	22.9298, 0.2489, 0.1756
Android (android.graphics.Color)	4288375779 (0xFF9B6BE3)
YUV	135.0320, 45.3402, 17.5119
Hunter-Lab	47.8851, 37.4103, -59.5547

Details

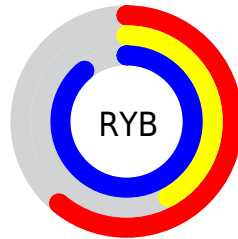
The CIELCh color $55, 69.715, 308.776$ is a light color, and the websafe version is hex $9966CC$. A complement of this color would be $85, 63.066, 122.911$, and the grayscale version is $56, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 54.159, 312.472$, and $35, 69.965, 308.754$ is the 20% darker color. If you saturate the color by 10%, you get $49, 83.054, 309.428$, and if you desaturate by 10%, it is $61, 56.057, 308.081$.

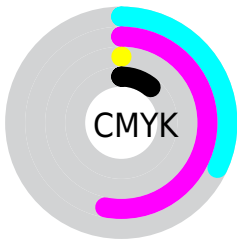
Distribution



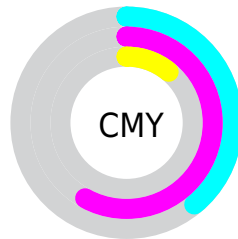
- Red (61%)
- Green (42%)
- Blue (89%)



- Red (61%)
- Yellow (42%)
- Blue (89%)



- Cyan (32%)
- Magenta (53%)
- Yellow (0%)
- Black (11%)





- Cyan (39%)
- Magenta (58%)
- Yellow (11%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 55, 69.715, 308.776 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, 69.715, 308.776 by changing the saturation by 10% instead.


 55, 69.715,
308.776


 55, 69.715,
308.776


 100, 69.715,
308.776


 45, 69.715,
308.776


 75, 69.715,
308.776


 35, 69.715,
308.776


 85, 69.715,
308.776

 25, 69.715,
308.776

 95, 69.715,
308.776

 15, 69.715,
308.776

 5, 69.715, 308.776

 0, 69.715, 308.776

55, 69.715,
308.776

55, 69.715,
308.776

49, 83.054,
309.428

61, 56.057,
308.081

43, 95.434,
309.947

68, 42.461,
307.396

39, 105.899,
310.205

75, 29.130,
306.751

35, 113.341,
310.054

81, 16.162,
306.161

33, 116.786,
309.724

88, 3.598, 305.614

95, 8.554, 125.184

99, 14.456,
116.382

99, 14.317,
109.096

Harmonies

Complementary

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



55, 69.715, 308.776



85, 63.066, 122.911

Rectangle

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



55, 69.715, 308.776



55, 69.715, 358.776



55, 69.715, 128.776



55, 69.715, 178.776

Sweetspot

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



55, 69.714, 308.776



88, 22.135, 306.343



71, 31.842, 251.076



45, 14.994, 306.464



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, 69.714, 308.776



54, 92.894, 309.517



62, 72.883, 323.603



44, 7.007, 305.969



25, 96.437, 309.902



3, 32.807, 306.572

Inverse Universe

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



62, 57.134, 343.610



64, 73.276, 345.219



82, 72.389, 137.639



44, 6.156, 339.304



38, 66.204, 352.766



7, 27.695, 347.585

Previews

White Background



This preview shows how the CIELCh color 55, 69.715, 308.776 looks on a white background.

Color Contrast Check

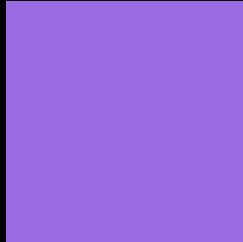
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIE LCh color 55, 69.715, 308.776 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

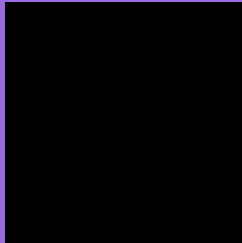
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 69.715, 308.776

Background



This preview shows how black text looks on a background with the CIELCh color 55, 69.715, 308.776.



This preview shows how white text looks on a background with the CIELCh color 55, 69.715, 308.776.

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, 69.715, 308.776

Protanopia
55, 68.854, 287.269

Deuteranopia
55, 51.545, 279.167



Tritanopia
55, 6.574, 319.093

Trichromacy



Original Color
55, 69.715, 308.776



Protanomaly
54, 68.699, 293.603



Deuteranomaly
54, 57.450, 290.996



Tritanomaly
55, 29.970, 308.464

Monochromacy



Original Color
55, 69.715, 308.776



Achromatopsia
56, 0.007, 296.813



Achromatomaly
55, 25.564, 306.732

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 69.715, 308.776 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(155, 107, 227)` looks like.

```
.text, #text, p{  
    color:rgb(155, 107, 227)  
}
```

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(155, 107, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 107, 227) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 69.715, 308.776 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(155, 107, 227) }
```

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

```
.border{ border-color:rgb(155, 107, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 107, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 107, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 107, 227);  
box-shadow:4px 4px 4px 4px rgb(155, 107,  
227) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 69.715, 308.776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 107, 227) }
```

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

```
.background{ background-color: rgb(155,  
107, 227) }
```

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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