

Converting Colors

CIELCh(55, 76.999, 322.735)

Have a look what the booklet for
CIELCh(55, 76.999, 322.735)
contains.

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Color

CIELCh(55, 77.019, 322.566)

Conversions

Conversions Part 1

Format	Color
Hex	C256D6
RGB	194, 86, 214
RGB Percent	76%, 34%, 84%
CMY	0.2398, 0.6633, 0.1614
CMYK	0.09, 0.60, 0.00, 0.16
HSL	291°, 61%, 59%
HSV	291°, 60%, 84%
XYZ	37.6450, 22.9298, 65.9628
YIQ	132.8840, 23.2800, 62.7040

Conversions

Conversions Part 2

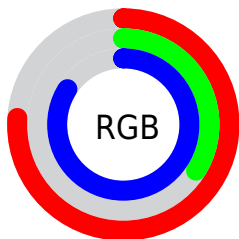
Format	Color
RYB	194, 86, 214
Decimal	12736214
CIELab	55.00, 61.16, -46.82
CIELCh	55, 77.019, 322.566
Yxy	22.9298, 0.2975, 0.1812
Android (android.graphics.Color)	4290926294 (0xFFC256D6)
YUV	132.8840, 39.9902, 53.5987
Hunter-Lab	47.8851, 56.5292, -48.1537

Details

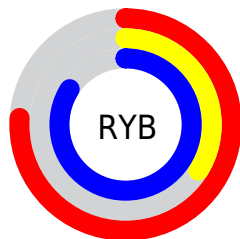
The CIELCh color **55, 77.019, 322.566** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted magenta. A complement of this color would be **77, 76.145, 136.236**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **74, 69.961, 326.300**, and **35, 77.299, 322.464** is the 20% darker color. If you saturate the color by 10%, you get **51, 86.946, 322.739**, and if you desaturate by 10%, it is **59, 65.472, 322.272**.

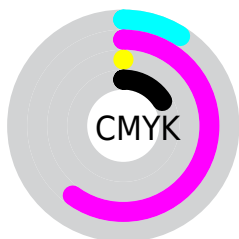
Distribution



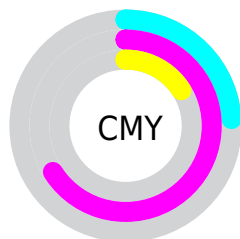
- Red (76%)
- Green (34%)
- Blue (84%)



- Red (76%)
- Yellow (34%)
- Blue (84%)



- Cyan (9%)
- Magenta (60%)
- Yellow (0%)
- Black (16%)




- Cyan (24%)
- Magenta (66%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 55, 77.019, 322.566 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, 77.019, 322.566 by changing the saturation by 10% instead.


 55, 77.019,
322.566

 55, 77.019,
322.566

 100, 77.019,
322.566

 45, 77.019,
322.566


 75, 77.019,
322.566

 35, 77.019,
322.566

 85, 77.019,
322.566

 25, 77.019,
322.566

 95, 77.019,
322.566

 15, 77.019,
322.566

 5, 77.019, 322.566

 0, 77.019, 322.566

55, 77.019,
322.566

55, 77.019,
322.566

51, 86.946,
322.739

59, 65.472,
322.272

48, 94.680,
322.753

64, 52.880,
321.895

46, 99.791,
322.576

69, 39.717,
321.465

45, 102.498,
322.218

74, 26.335,
321.007


45, 102.534,
322.212

80, 12.981,
320.535

86, 0.186, 141.343

91, 13.069,
139.674

97, 24.431,
139.075

 97, 23.827,
136.703

Harmonies

Complementary

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



55, 77.019, 322.566



77, 76.145, 136.236

Rectangle

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



55, 77.019, 322.566



55, 77.019, 12.566



55, 77.019, 142.566



55, 77.019, 192.566

Sweetspot

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



55, 77.017, 322.566



88, 27.520, 320.929



49, 62.388, 292.949



45, 19.152, 321.066



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, 77.017, 322.566



60, 102.113, 322.761



56, 62.928, 340.867



42, 7.486, 320.515



36, 86.711, 322.300



5, 31.873, 322.377

Inverse Universe

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



54, 54.059, 16.061



59, 74.599, 20.360



77, 62.671, 149.431



42, 4.638, 7.423



35, 70.636, 32.219



5, 22.002, 12.803

Previews

White Background



This preview shows how the CIELCh color 55, 77.019, 322.566 looks on a white background.

Color Contrast Check

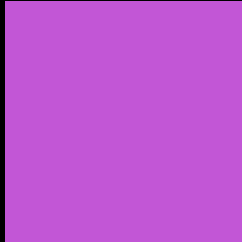
Large Text (above 18pt) WCAG AA ✓ Pass

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, 77.019, 322.566 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

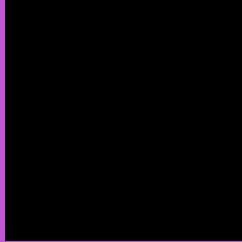
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 77.019, 322.566

Background



This preview shows how black text looks on a background with the CIELCh color 55, 77.019, 322.566.

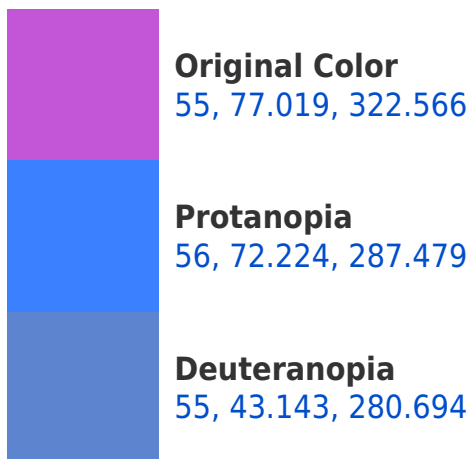


This preview shows how white text looks on a background with the CIELCh color 55, 77.019, 322.566.

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, 29.222, 14.204

Trichromacy



Original Color
55, 77.019, 322.566



Protanomaly
53, 72.352, 297.224



Deuteranomaly
54, 54.458, 300.947



Tritanomaly
54, 42.638, 341.628

Monochromacy



Original Color
55, 77.019, 322.566



Achromatopsia
56, 0.007, 296.813



Achromatomaly
54, 30.161, 321.499

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 77.019, 322.566 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(194, 86, 214)` looks like.

```
.text, #text, p{  
    color:rgb(194, 86, 214)  
}
```

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(194, 86, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 86, 214) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 77.019, 322.566 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(194, 86, 214) }
```

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

```
.border{ border-color:rgb(194, 86, 214) }
```

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

Here you see how a box with a 4 pixel rgb(194, 86, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 86, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 86, 214);  
box-shadow:4px 4px 4px 4px rgb(194, 86,  
214) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 77.019, 322.566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 86, 214) }
```

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

```
.background{ background-color: rgb(194, 86,  
214) }
```

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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