

Converting Colors

CIELCh(55, 43.738, 334.078)

Have a look what the booklet for
CIELCh(55, 43.738, 334.078)
contains.

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Color

CIELCh(55, 43.771, 334.094)

Conversions

Conversions Part 1

Format	Color
Hex	B669A5
RGB	182, 105, 165
RGB Percent	71%, 41%, 65%
CMY	0.2844, 0.5865, 0.3511
CMYK	0.00, 0.42, 0.09, 0.28
HSL	313°, 35%, 56%
HSV	313°, 42%, 72%
XYZ	31.3344, 22.9298, 38.5906
YIQ	134.8630, 26.6320, 34.9840

Conversions

Conversions Part 2

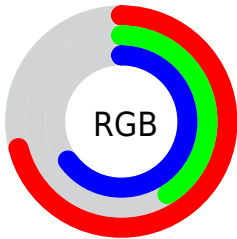
Format	Color
RYB	182, 105, 165
Decimal	11954597
CIELab	55.00, 39.37, -19.12
CIELCh	55, 43.771, 334.094
Yxy	22.9298, 0.3375, 0.2469
Android (android.graphics.Color)	4290144677 (0xFFB669A5)
YUV	134.8630, 14.8575, 41.3391
Hunter-Lab	47.8851, 33.0055, -14.2622

Details

The CIELCh color $55, 43.771, 334.094$ is a light color, and the websafe version is hex 996699 . A complement of this color would be $68, 43.614, 147.730$, and the grayscale version is $56, 0.007, 296.813$.

A 20% lighter version of the original color is $75, 43.664, 334.070$, and $35, 43.963, 333.909$ is the 20% darker color. If you saturate the color by 10%, you get $51, 53.157, 334.844$, and if you desaturate by 10%, it is $59, 33.686, 333.377$.

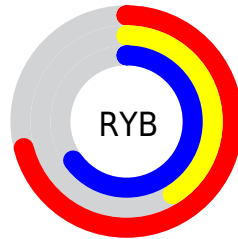
Distribution



Red (71%)

Green (41%)

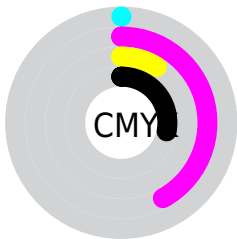
Blue (65%)



Red (71%)

Yellow (41%)

Blue (65%)

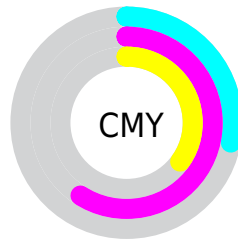


Cyan (0%)

Magenta (42%)

Yellow (9%)

Black (28%)



Cyan (28%)


Magenta (59%)


Yellow (35%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 55, 43.771, 334.094 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, 43.771, 334.094 by changing the saturation by 10% instead.


 55, 43.771,
334.094


 55, 43.771,
334.094


 100, 43.771,
334.094

 45, 43.771,
334.094


 75, 43.771,
334.094

 35, 43.771,
334.094

 85, 43.771,
334.094

 25, 43.771,
334.094

 95, 43.771,
334.094

 15, 43.771,
334.094

 5, 43.771, 334.094

 0, 43.771, 334.094

55, 43.771,
334.094

55, 43.771,
334.094

51, 53.157,
334.844

59, 33.686,
333.377

48, 61.416,
335.637

64, 23.256,
332.687

45, 68.073,
336.491

68, 12.735,
332.017

43, 72.710,
337.437

73, 2.297, 331.281

78, 7.949, 150.843


42, 75.109,
338.517

83, 17.940,
150.249

41, 75.807,
339.447

88, 27.645,
149.699

93, 37.051,
149.181

 94, 37.578,
150.683

Harmonies

Complementary

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



55, 43.771, 334.094



68, 43.614, 147.730

Rectangle

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



55, 43.771, 334.094



55, 43.771, 24.094



55, 43.771, 154.094



55, 43.771, 204.094

Sweetspot

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



55, 43.769, 334.094



86, 16.780, 332.084



49, 45.606, 302.273



45, 11.851, 332.230



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



55, 43.769, 334.094



66, 64.297, 334.816



54, 33.469, 2.332



36, 5.925, 331.826



35, 67.508, 339.277



3, 15.087, 335.011

Inverse Universe

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



55, 43.769, 334.094



66, 64.297, 334.816



69, 29.278, 172.803



36, 5.925, 331.826



35, 67.508, 339.277



3, 15.087, 335.011

Previews

White Background



This preview shows how the CIELCh color 55, 43.771, 334.094 looks on a white background.

Color Contrast Check

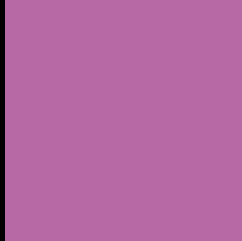
Large Text (above 18pt) WCAG AA ✓ Pass

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, 43.771, 334.094 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

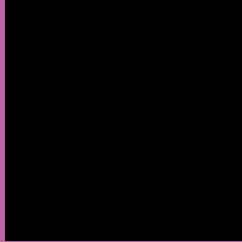
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 43.771, 334.094

Background



This preview shows how black text looks on a background with the CIELCh color 55, 43.771, 334.094.

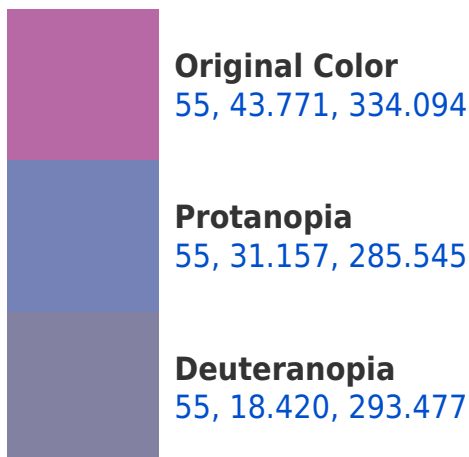


This preview shows how white text looks on a background with the CIELCh color 55, 43.771, 334.094.

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, 26.643, 11.725

Trichromacy



Original Color
55, 43.771, 334.094

Protanomaly
54, 33.060, 305.256

Deuteranomaly
55, 27.032, 316.023

Tritanomaly
55, 30.858, 353.731

Monochromacy



Original Color
55, 43.771, 334.094

Achromatopsia
56, 0.007, 296.813

Achromatomaly
55, 16.673, 332.167

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 43.771, 334.094 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(182, 105, 165)` looks like.

```
.text, #text, p{  
    color:rgb(182, 105, 165)  
}
```

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(182, 105, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 105, 165) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 43.771, 334.094 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(182, 105, 165) }
```

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

```
.border{ border-color:rgb(182, 105, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 105, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 105, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 105, 165);  
box-shadow:4px 4px 4px 4px rgb(182, 105,  
165) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 43.771, 334.094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 105, 165) }
```

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

```
.background{ background-color: rgb(182,  
105, 165) }
```

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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