

Converting Colors

CIELCh(55, 54.799, 326.450)

Have a look what the booklet for
CIELCh(55, 54.799, 326.450)
contains.

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Color

CIELCh(55, 54.833, 326.460)

Conversions

Conversions Part 1

Format	Color
Hex	B865B9
RGB	184, 101, 185
RGB Percent	72%, 40%, 73%
CMY	0.2792, 0.6047, 0.2753
CMYK	0.01, 0.45, 0.00, 0.28
HSL	299°, 37%, 56%
HSV	299°, 45%, 72%
XYZ	33.0891, 22.9298, 48.4700
YIQ	135.3930, 22.5040, 43.7200

Conversions

Conversions Part 2

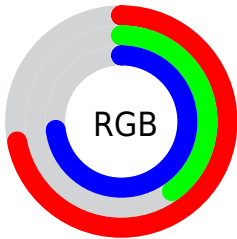
Format	Color
RYB	184, 101, 185
Decimal	12084665
CIELab	55.00, 45.70, -30.30
CIELCh	55, 54.833, 326.460
Yxy	22.9298, 0.3167, 0.2194
Android (android.graphics.Color)	4290274745 (0xFFB865B9)
YUV	135.3930, 24.4563, 42.6283
Hunter-Lab	47.8851, 39.5465, -26.4946

Details

The CIELCh color $55, 54.833, 326.460$ is a light color, and the websafe version is hex `CC66CC`. A complement of this color would be $68, 54.969, 140.641$, and the grayscale version is $56, 0.007, 296.813$.

A 20% lighter version of the original color is $75, 54.966, 326.724$, and $35, 55.189, 326.339$ is the 20% darker color. If you saturate the color by 10%, you get $52, 65.418, 326.883$, and if you desaturate by 10%, it is $59, 43.297, 325.984$.

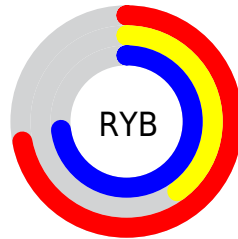
Distribution



Red (72%)

Green (40%)

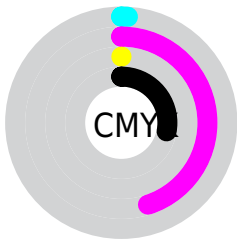
Blue (73%)



Red (72%)

Yellow (40%)

Blue (73%)

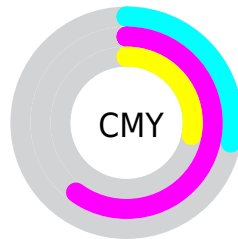


Cyan (1%)

Magenta (45%)

Yellow (0%)

Black (28%)



Cyan (28%)


Magenta (60%)


Yellow (28%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 55, 54.833, 326.460 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, 54.833, 326.460 by changing the saturation by 10% instead.

 55, 54.833,
326.460

 55, 54.833,
326.460


 100, 54.833,
326.460

 45, 54.833,
326.460


 75, 54.833,
326.460

 35, 54.833,
326.460

 85, 54.833,
326.460

 25, 54.833,
326.460

 95, 54.833,
326.460

 15, 54.833,
326.460

 5, 54.833, 326.460

 0, 54.833, 326.460

55, 54.833,
326.460

55, 54.833,
326.460

52, 65.418,
326.883

59, 43.297,
325.984

49, 74.593,
327.235

63, 31.223,
325.472

46, 81.905,
327.501

68, 18.926,
324.937

45, 87.023,
327.670

72, 6.639, 324.379

44, 89.881,
327.744

77, 5.483, 143.930

44, 90.780,
327.760

82, 17.340,
143.384

87, 28.876,
142.882

92, 40.062,
142.408

■ 94, 43.792,
142.201

Harmonies

Complementary

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



55, 54.833, 326.460



68, 54.969, 140.641

Rectangle

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



55, 54.833, 326.460



55, 54.833, 16.460



55, 54.833, 146.460



55, 54.833, 196.460

Sweetspot

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



55, 54.831, 326.460



86, 21.180, 324.871



47, 48.840, 295.890



45, 14.625, 324.988



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, 54.831, 326.460



66, 80.058, 326.901



54, 40.154, 347.310



36, 6.884, 324.602



36, 79.928, 327.766



3, 18.707, 324.236

Inverse Universe

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



52, 36.718, 23.303



62, 56.422, 25.506



69, 38.333, 158.205



36, 4.003, 18.947



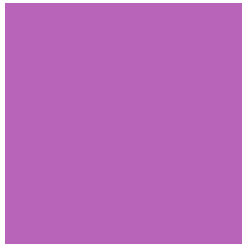
32, 71.414, 39.121



2, 10.641, 18.677

Previews

White Background



This preview shows how the CIELCh color 55, 54.833, 326.460 looks on a white background.

Color Contrast Check

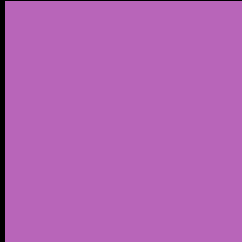
Large Text (above 18pt) WCAG AA ✓ Pass

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, 54.833, 326.460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

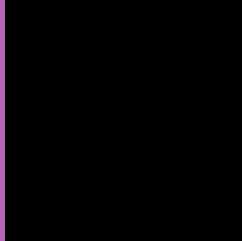
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 54.833, 326.460

Background



This preview shows how black text looks on a background with the CIELCh color 55, 54.833, 326.460.

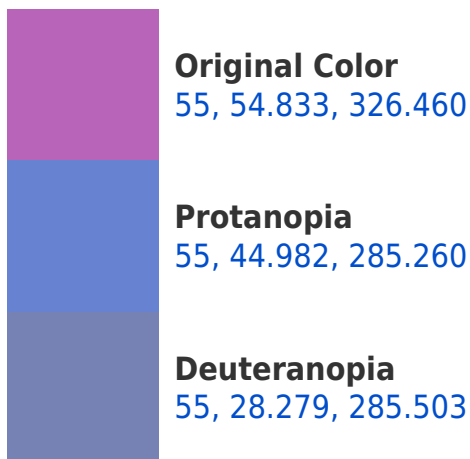


This preview shows how white text looks on a background with the CIELCh color 55, 54.833, 326.460.

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, 25.776, 11.218

Trichromacy



Original Color
55, 54.833, 326.460

Protanomaly
54, 46.917, 300.385

Deuteranomaly
54, 36.720, 306.499

Tritanomaly
55, 33.443, 346.138

Monochromacy



Original Color
55, 54.833, 326.460

Achromatopsia
56, 0.007, 296.813

Achromatomaly
55, 20.692, 325.479

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 54.833, 326.460 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(184, 101, 185)` looks like.

```
.text, #text, p{  
    color:rgb(184, 101, 185)  
}
```

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(184, 101, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 101, 185) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 54.833, 326.460 is called "border". The border property can be set on classes, ids or directly on the HTML element.

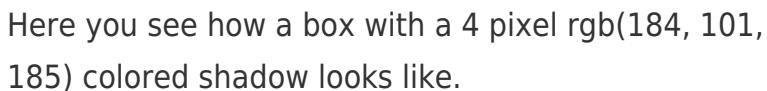
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(184, 101, 185) }
```

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

```
.border{ border-color:rgb(184, 101, 185) }
```

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



Here you see how a box with a 4 pixel `rgb(184, 101, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(184, 101, 185); -webkit-box-shadow:4px 4px 4px 4px rgb(184, 101, 185); box-shadow:4px 4px 4px 4px rgb(184, 101, 185) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 54.833, 326.460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 101, 185) }
```

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

```
.background{ background-color: rgb(184,  
101, 185) }
```

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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