

Converting Colors

CIELCh(55, 36.284, 345.773)

Have a look what the booklet for
CIELCh(55, 36.284, 345.773)
contains.

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Color

CIELCh(55, 36.402, 345.777)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------------|
| Hex | B76C94 |
| RGB | 183, 108, 148 |
| RGB Percent | 72%, 42%, 58% |
| CMY | 0.2824, 0.5765, 0.4196 |
| CMYK | 0.00, 0.41, 0.19, 0.28 |
| HSL | 328°, 34%, 57% |
| HSV | 328°, 41%, 72% |
| XYZ | 30.2354, 22.9298, 30.8486 |
| YIQ | 134.9850, 31.8600, 28.3400 |

Conversions

Conversions Part 2

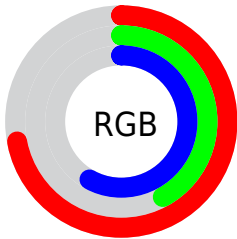
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 183, 108, 148 |
| Decimal | 12020884 |
| CIE _{Lab} | 55.00, 35.29, -8.94 |
| CIE _{LCh} | 55, 36.402, 345.777 |
| Yxy | 22.9298, 0.3599, 0.2729 |
| Android (android.graphics.Color) | 4290210964 (0xFFB76C94) |
| YUV | 134.9850, 6.4164, 42.1092 |
| Hunter-Lab | 47.8851, 28.9088, -4.6763 |

Details

The CIELCh color **55, 36.402, 345.777** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **69, 34.992, 157.946**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **75, 36.216, 345.719**, and **35, 36.187, 345.966** is the 20% darker color. If you saturate the color by 10%, you get **51, 44.758, 347.076**, and if you desaturate by 10%, it is **59, 27.580, 344.653**.

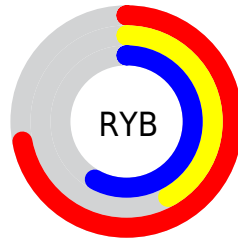
Distribution



Red (72%)

Green (42%)

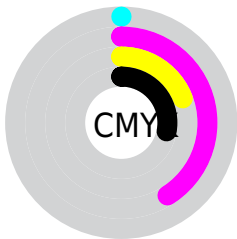
Blue (58%)



Red (72%)

Yellow (42%)

Blue (58%)

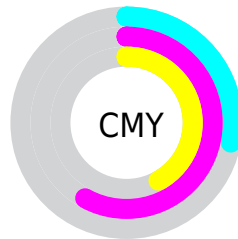


Cyan (0%)

Magenta (41%)

Yellow (19%)

Black (28%)



Cyan (28%)


Magenta (58%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 55, 36.402, 345.777 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, 36.402, 345.777 by changing the saturation by 10% instead.


 55, 36.402,
345.777


 55, 36.402,
345.777


 100, 36.402,
345.777


 45, 36.402,
345.777


 75, 36.402,
345.777

 35, 36.402,
345.777

 85, 36.402,
345.777

 25, 36.402,
345.777

 95, 36.402,
345.777

 15, 36.402,
345.777

 5, 36.402, 345.777

 0, 36.402, 345.777

55, 36.402,
345.777

55, 36.402,
345.777

51, 44.758,
347.076

59, 27.580,
344.653

47, 52.267,
348.612

64, 18.594,
343.655

44, 58.475,
350.476

69, 9.643, 342.746

42, 62.965,
352.793

74, 0.857, 341.546

79, 7.694, 161.284


40, 65.506,
355.709

84, 15.973,
160.577

39, 66.527,
358.841

89, 23.969,
159.938

94, 31.686,
159.349

 95, 29.205,
165.544

Harmonies

Complementary

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



55, 36.402, 345.777



69, 34.992, 157.946

Rectangle

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



55, 36.402, 345.777



55, 36.402, 35.777



55, 36.402, 165.777



55, 36.402, 215.777

Sweetspot

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



55, 36.399, 345.778



86, 13.026, 342.854



52, 45.152, 310.039



45, 8.721, 342.969



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, 36.399, 345.778



66, 53.209, 346.913



54, 32.242, 20.939



36, 4.980, 342.602



33, 59.095, 358.307



3, 12.450, 348.871

Inverse Universe

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



55, 36.399, 345.778



66, 53.209, 346.913



70, 24.619, 194.241



36, 4.980, 342.602



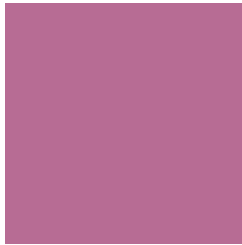
33, 59.095, 358.307



3, 12.450, 348.871

Previews

White Background



This preview shows how the CIELCh color 55, 36.402, 345.777 looks on a white background.

Color Contrast Check

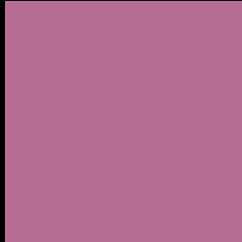
Large Text (above 18pt) WCAG AA ✓ Pass

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, 36.402, 345.777 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

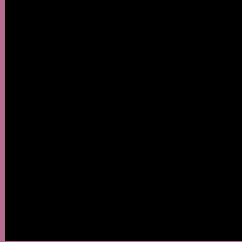
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 36.402, 345.777

Background



This preview shows how black text looks on a background with the CIELCh color 55, 36.402, 345.777.



This preview shows how white text looks on a background with the CIELCh color 55, 36.402, 345.777.

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, 36.402, 345.777

Protanopia

55, 18.442, 285.778

Deuteranopia

55, 10.177, 315.774



Tritanopia
55, 28.341, 13.788

Trichromacy



Original Color
55, 36.402, 345.777

Protanomaly
55, 21.969, 315.281

Deuteranomaly
55, 19.097, 335.541

Tritanomaly
55, 30.392, 1.555

Monochromacy



Original Color
55, 36.402, 345.777

Achromatopsia
56, 0.007, 296.813

Achromatomaly
55, 13.695, 342.173

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 36.402, 345.777 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(183, 108, 148)` looks like.

```
.text, #text, p{  
    color:rgb(183, 108, 148)  
}
```

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(183, 108, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 108, 148) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 36.402, 345.777 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(183, 108, 148) }
```

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

```
.border{ border-color:rgb(183, 108, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 108, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 108, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 108, 148);  
box-shadow:4px 4px 4px 4px rgb(183, 108,  
148) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 36.402, 345.777 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 108, 148) }
```

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

```
.background{ background-color: rgb(183,  
108, 148) }
```

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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