

Converting Colors

CIELCh(55, 33.795, 352.665)

Have a look what the booklet for
CIELCh(55, 33.795, 352.665)
contains.

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Color

CIELCh(55, 33.795, 352.665)

Conversions

Conversions Part 1

| Format | Color |
|----------------------|--|
| Hex | B76D8C |
| RGB | 183, 109, 140 |
| RGB Percent | 72%, 43%, 55% |
| CMY | 0.2820, 0.5722, 0.4506 |
| CMYK | 0.00, 0.40, 0.23, 0.28 |
| HSL | 335°, 34%, 57% |
| HSV | 335°, 40%, 72% |
| XYZ | 29.7681, 22.9298, 27.7008 |
| YIQ | 134.6600, 34.1530, 25.3290 |

Conversions

Conversions Part 2

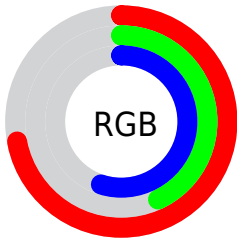
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 183, 109, 140 |
| Decimal | 12021132 |
| CIE Lab | 55.00, 33.52, -4.31 |
| CIE LCh | 55, 33.795, 352.665 |
| Yxy | 22.9298, 0.3703, 0.2852 |
| Android (android.graphics.Color) | 4290211212 (0xFFB76D8C) |
| YUV | 134.6600, 2.6326, 42.3942 |
| Hunter-Lab | 47.8851, 27.1667, -0.7788 |

Details

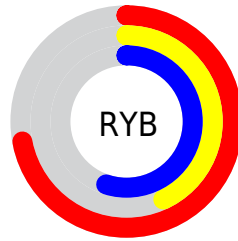
The CIELCh color $55, 33.795, 352.665$ is a dark color, and the websafe version is hex `CC6699`. A complement of this color would be $69, 31.448, 164.169$, and the grayscale version is $56, 0.007, 296.813$.

A 20% lighter version of the original color is $75, 33.655, 352.211$, and $35, 33.815, 352.550$ is the 20% darker color. If you saturate the color by 10%, you get $51, 41.917, 354.252$, and if you desaturate by 10%, it is $60, 25.354, 351.330$.

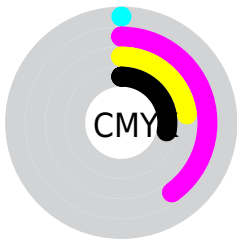
Distribution



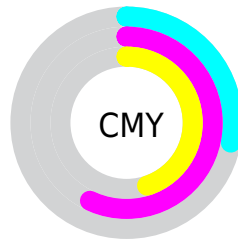
- Red (72%)
- Green (43%)
- Blue (55%)



- Red (72%)
- Yellow (43%)
- Blue (55%)



- Cyan (0%)
- Magenta (40%)
- Yellow (23%)
- Black (28%)





- Cyan (28%)
- Magenta (57%)
- Yellow (45%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 55, 33.795, 352.665 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, 33.795, 352.665 by changing the saturation by 10% instead.


 55, 33.795,
352.665


 55, 33.795,
352.665


 100, 33.795,
352.665


 45, 33.795,
352.665


 75, 33.795,
352.665

 35, 33.795,
352.665

 85, 33.795,
352.665

 25, 33.795,
352.665

 95, 33.795,
352.665

 15, 33.795,
352.665

 5, 33.795, 352.665

 0, 33.795, 352.665

55, 33.795,
352.665

55, 33.795,
352.665

51, 41.917,
354.252

60, 25.354,
351.330

47, 49.376,
356.181

64, 16.863,
350.177

44, 55.753,
358.580

69, 8.491, 349.150

42, 60.668, 1.611

74, 0.342, 347.113

40, 63.931, 5.444

79, 7.532, 167.558

39, 65.947, 9.802

85, 15.110,
166.804

90, 22.390,
166.130

95, 29.073,
165.802

■ 95, 26.123,
175.574

Harmonies

Complementary

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



55, 33.795, 352.665



69, 31.448, 164.169

Rectangle

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



55, 33.795, 352.665



55, 33.795, 42.665



55, 33.795, 172.665



55, 33.795, 222.665

Sweetspot

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



55, 33.792, 352.667



86, 12.098, 349.327



53, 45.087, 313.208



45, 8.104, 349.456



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, 33.792, 352.667



65, 50.301, 354.147



55, 30.236, 28.080



36, 4.620, 349.043



33, 58.424, 9.098



2, 11.718, 355.374

Inverse Universe

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



55, 33.792, 352.667



65, 50.301, 354.147



68, 22.522, 204.636



36, 4.620, 349.043



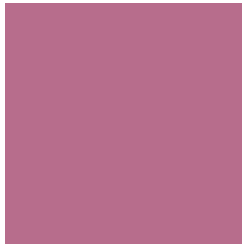
33, 58.424, 9.098



2, 11.718, 355.374

Previews

White Background



This preview shows how the CIELCh color 55, 33.795, 352.665 looks on a white background.

Color Contrast Check

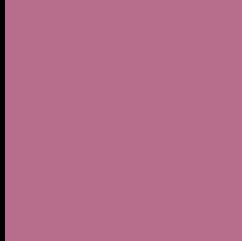
Large Text (above 18pt) WCAG AA ✓ Pass

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, 33.795, 352.665 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

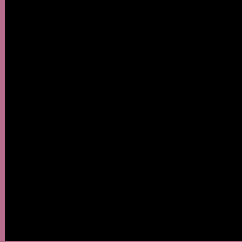
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 33.795, 352.665

Background



This preview shows how black text looks on a background with the CIELCh color 55, 33.795, 352.665.



This preview shows how white text looks on a background with the CIELCh color 55, 33.795, 352.665.

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, 33.795, 352.665

Protanopia

55, 13.235, 287.010

Deuteranopia

55, 7.882, 339.367



Tritanopia
55, 28.759, 13.982

Trichromacy



Original Color
55, 33.795, 352.665

Protanomaly
55, 17.807, 324.289

Deuteranomaly
55, 17.610, 348.021

Tritanomaly
55, 29.932, 5.726

Monochromacy



Original Color
55, 33.795, 352.665

Achromatopsia
56, 0.007, 296.813

Achromatomaly
55, 12.114, 349.542

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 33.795, 352.665 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, 109, 140)` looks like.

```
.text, #text, p{  
    color:rgb(183, 109, 140)  
}
```

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, 109, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 109, 140) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 33.795, 352.665 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, 109, 140) }
```

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

```
.border{ border-color:rgb(183, 109, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 109, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 109, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 109, 140);  
box-shadow:4px 4px 4px 4px rgb(183, 109,  
140) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 33.795, 352.665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 109, 140) }
```

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

```
.background{ background-color: rgb(183,  
109, 140) }
```

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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