

Converting Colors

CIELCh(55, 50.648, 355.861)

Have a look what the booklet for
CIELCh(55, 50.648, 355.861)
contains.

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Color

CIELCh(55, 50.906, 355.679)

Conversions

Conversions Part 1

Format	Color
Hex	D05C8C
RGB	208, 92, 140
RGB Percent	82%, 36%, 55%
CMY	0.1846, 0.6395, 0.4513
CMYK	0.00, 0.56, 0.33, 0.18
HSL	335°, 55%, 59%
HSV	335°, 56%, 82%
XYZ	34.5372, 22.9298, 27.3878
YIQ	132.1560, 53.7280, 39.5200

Conversions

Conversions Part 2

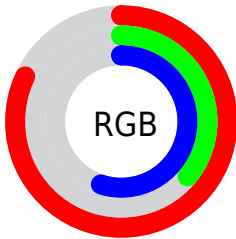
Format	Color
R_{YB}	208, 92, 140
Decimal	13655180
CIE _{Lab}	55.00, 50.76, -3.84
CIE _{LCh}	55, 50.906, 355.679
Yxy	22.9298, 0.4070, 0.2702
Android (android.graphics.Color)	4291845260 (0xFFD05C8C)
YUV	132.1560, 3.8671, 66.5152
Hunter-Lab	47.8851, 44.9445, -0.3912

Details

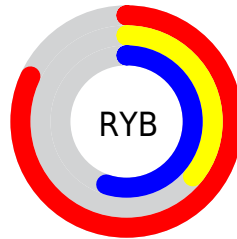
The CIELCh color **55, 50.906, 355.679** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **76, 46.305, 162.302**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 47.006, 352.339**, and **35, 50.970, 355.631** is the 20% darker color. If you saturate the color by 10%, you get **51, 58.532, 357.908**, and if you desaturate by 10%, it is **59, 42.271, 353.878**.

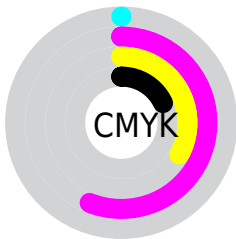
Distribution



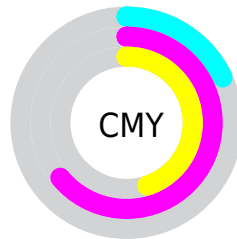
- Red (82%)
- Green (36%)
- Blue (55%)



- Red (82%)
- Yellow (36%)
- Blue (55%)



- Cyan (0%)
- Magenta (56%)
- Yellow (33%)
- Black (18%)





- Cyan (18%)
- Magenta (64%)
- Yellow (45%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 55, 50.906, 355.679 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, 50.906, 355.679 by changing the saturation by 10% instead.


 55, 50.906,
355.679


 55, 50.906,
355.679


 100, 50.906,
355.679


 45, 50.906,
355.679


 75, 50.906,
355.679

 35, 50.906,
355.679

 85, 50.906,
355.679

 25, 50.906,
355.679

 95, 50.906,
355.679

 15, 50.906,
355.679

 5, 50.906, 355.679

 0, 50.906, 355.679

55, 50.906,
355.679

55, 50.906,
355.679

51, 58.532,
357.908

59, 42.271,
353.878

48, 64.697, 0.715

64, 33.081,
352.385

46, 69.076, 4.280

69, 23.686,
351.117

45, 71.698, 8.746

44, 72.604, 10.779


75, 14.333,
350.012

80, 5.177, 348.995

86, 3.695, 168.346

92, 12.242,
167.487

96, 18.642,
169.368

 97, 16.114,
188.534

Harmonies

Complementary

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



55, 50.906, 355.679



76, 46.305, 162.302

Rectangle

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



55, 50.906, 355.679



55, 50.906, 45.679



55, 50.906, 175.679



55, 50.906, 225.679

Sweetspot

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



55, 50.903, 355.680



89, 18.251, 350.161



51, 69.168, 314.407



46, 12.239, 350.378



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, 50.903, 355.680



62, 69.866, 358.419



56, 48.272, 31.530



41, 5.128, 349.365



36, 61.966, 9.937



5, 21.087, 359.303

Inverse Universe

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



55, 50.903, 355.680



62, 69.866, 358.419



74, 31.158, 206.975



41, 5.128, 349.365



36, 61.966, 9.937



5, 21.087, 359.303

Previews

White Background



This preview shows how the CIELCh color 55, 50.906, 355.679 looks on a white background.

Color Contrast Check

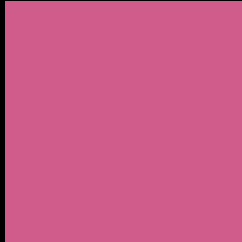
Large Text (above 18pt) WCAG AA ✓ Pass

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, 50.906, 355.679 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

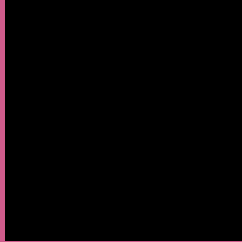
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 50.906, 355.679

Background



This preview shows how black text looks on a background with the CIELCh color 55, 50.906, 355.679.

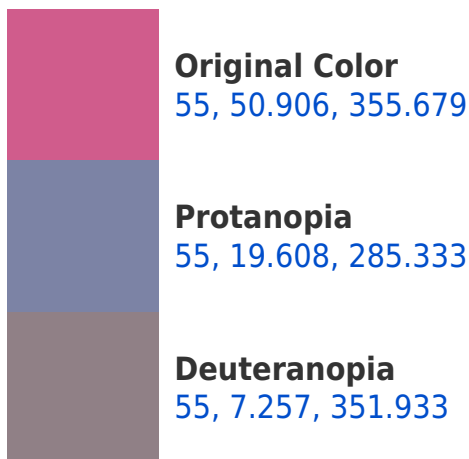


This preview shows how white text looks on a background with the CIELCh color 55, 50.906, 355.679.

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, 45.550, 20.701

Trichromacy



Original Color
55, 50.906, 355.679

Protanomaly
54, 26.617, 325.043

Deuteranomaly
54, 23.900, 352.348

Tritanomaly
55, 46.504, 10.977

Monochromacy



Original Color
55, 50.906, 355.679

Achromatopsia
55, 0.007, 296.813

Achromatomaly
54, 20.007, 350.887

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 50.906, 355.679 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(208, 92, 140)` looks like.

```
.text, #text, p{  
    color:rgb(208, 92, 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(208, 92, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 92, 140) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 50.906, 355.679 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(208, 92, 140) }
```

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

```
.border{ border-color:rgb(208, 92, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 92, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 92, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 92, 140);  
box-shadow:4px 4px 4px 4px rgb(208, 92,  
140) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 50.906, 355.679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 92, 140) }
```

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

```
.background{ background-color: rgb(208, 92,  
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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