

Converting Colors

CIELCh(55, 47.135, 344.117)

Have a look what the booklet for
CIELCh(55, 47.135, 344.117)
contains.

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Color

CIELCh(55, 46.958, 344.012)

Conversions

Conversions Part 1

Format	Color
Hex	C3639B
RGB	195, 99, 155
RGB Percent	76%, 39%, 61%
CMY	0.2349, 0.6113, 0.3917
CMYK	0.00, 0.49, 0.21, 0.23
HSL	325°, 44%, 58%
HSV	325°, 49%, 77%
XYZ	32.9309, 22.9298, 33.7460
YIQ	134.0880, 39.2400, 37.7680

Conversions

Conversions Part 2

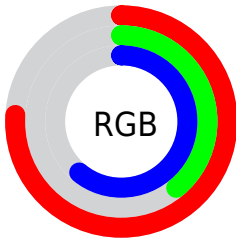
Format	Color
R_{YB}	195, 99, 155
Decimal	12805019
CIE _{Lab}	55.00, 45.14, -12.93
CIE _{LCh}	55, 46.958, 344.012
Yxy	22.9298, 0.3675, 0.2559
Android (android.graphics.Color)	4290995099 (0xFFC3639B)
YUV	134.0880, 10.3096, 53.4198
Hunter-Lab	47.8851, 38.9566, -8.2638

Details

The CIELCh color **55, 46.958, 344.012** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **72, 45.576, 154.512**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **75, 46.424, 344.216**, and **35, 46.867, 343.994** is the 20% darker color. If you saturate the color by 10%, you get **51, 55.171, 345.345**, and if you desaturate by 10%, it is **59, 37.851, 342.864**.

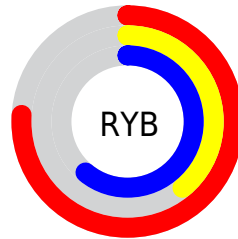
Distribution



Red (76%)

Green (39%)

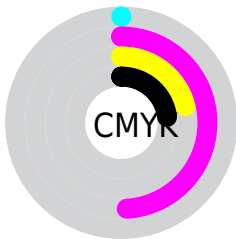
Blue (61%)



Red (76%)

Yellow (39%)

Blue (61%)

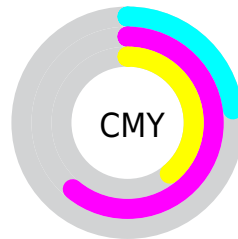


Cyan (0%)

Magenta (49%)

Yellow (21%)

Black (23%)



Cyan (23%)

Magenta (61%)


Yellow (39%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 55, 46.958, 344.012 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, 46.958, 344.012 by changing the saturation by 10% instead.


 55, 46.958,
344.012

 55, 46.958,
344.012


 100, 46.958,
344.012


 45, 46.958,
344.012


 75, 46.958,
344.012

 35, 46.958,
344.012

 85, 46.958,
344.012

 25, 46.958,
344.012

 95, 46.958,
344.012

 15, 46.958,
344.012

 5, 46.958, 344.012

 0, 46.958, 344.012

■ 55, 46.958,
344.012

■ 55, 46.958,
344.012

■ 51, 55.171,
345.345

■ 59, 37.851,
342.864

■ 48, 62.014,
346.931

■ 64, 28.268,
341.849

■ 45, 67.014,
348.870

■ 69, 18.514,
340.933

■ 44, 69.871,
351.288

■ 74, 8.800, 340.084

■ 43, 70.838,
354.247


■ 79, 0.743, 159.864

■ 43, 70.900,
354.491

■ 85, 10.038,
158.701

■ 90, 19.049,
158.032

■ 95, 27.646,
157.489

 95, 24.912,
164.470

Harmonies

Complementary

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



55, 46.958, 344.012



72, 45.576, 154.512

Rectangle

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



55, 46.958, 344.012



55, 46.958, 34.012



55, 46.958, 164.012



55, 46.958, 214.012

Sweetspot

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



55, 46.955, 344.013



90, 17.773, 340.590



50, 57.271, 308.997



47, 12.245, 340.774



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, 46.955, 344.013



65, 67.621, 345.448



54, 41.256, 18.822



38, 5.391, 340.097



35, 61.536, 353.970



3, 16.671, 347.284

Inverse Universe

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



55, 46.955, 344.013



65, 67.621, 345.448



73, 30.644, 188.865



38, 5.391, 340.097



35, 61.536, 353.970



3, 16.671, 347.284

Previews

White Background



This preview shows how the CIELCh color 55, 46.958, 344.012 looks on a white background.

Color Contrast Check

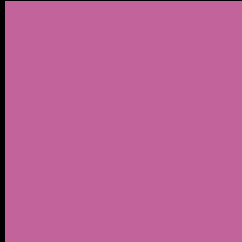
Large Text (above 18pt) WCAG AA ✓ Pass

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, 46.958, 344.012 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

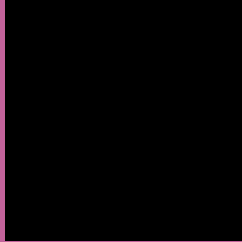
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 46.958, 344.012

Background



This preview shows how black text looks on a background with the CIELCh color 55, 46.958, 344.012.

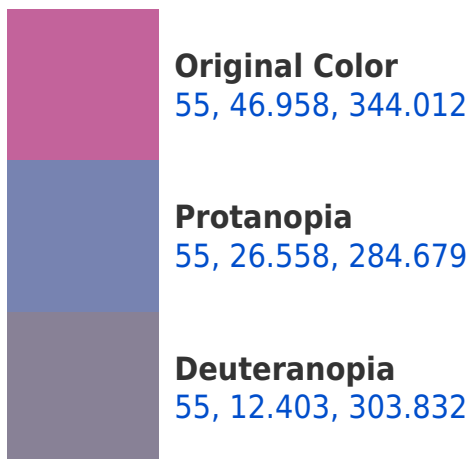


This preview shows how white text looks on a background with the CIELCh color 55, 46.958, 344.012.

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, 35.767, 16.851

Trichromacy



Original Color
55, 46.958, 344.012

Protanomaly
54, 30.621, 312.460

Deuteranomaly
54, 24.540, 329.584

Tritanomaly
55, 38.060, 2.134

Monochromacy



Original Color
55, 46.958, 344.012

Achromatopsia
56, 0.007, 296.813

Achromatomaly
55, 18.259, 340.362

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 46.958, 344.012 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(195, 99, 155)` looks like.

```
.text, #text, p{  
    color:rgb(195, 99, 155)  
}
```

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(195, 99, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 99, 155) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 46.958, 344.012 is called "border". The border property can be set on classes, ids or directly on the HTML element.

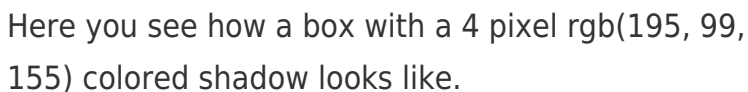
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(195, 99, 155) }
```

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

```
.border{ border-color:rgb(195, 99, 155) }
```

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



Here you see how a box with a 4 pixel `rgb(195, 99, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 99, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 99, 155);  
box-shadow:4px 4px 4px 4px rgb(195, 99,  
155) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 46.958, 344.012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 99, 155) }
```

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

```
.background{ background-color: rgb(195, 99,  
155) }
```

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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