

Converting Colors

CIELCh(55, 29.184, 336.621)

Have a look what the booklet for
CIELCh(55, 29.184, 336.621)
contains.

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Color

CIELCh(55, 29.184, 336.621)

Conversions

Conversions Part 1

Format	Color
Hex	A87398
RGB	168, 115, 152
RGB Percent	66%, 45%, 60%
CMY	0.3403, 0.5482, 0.4031
CMYK	0.00, 0.32, 0.10, 0.34
HSL	318°, 23%, 56%
HSV	318°, 32%, 66%
XYZ	28.0328, 22.9298, 32.7438
YIQ	135.0650, 19.7110, 22.7430

Conversions

Conversions Part 2

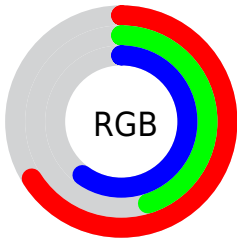
Format	Color
R_{YB}	168, 115, 152
Decimal	11039640
CIE _{Lab}	55.00, 26.79, -11.58
CIE _{LCh}	55, 29.184, 336.621
Yxy	22.9298, 0.3349, 0.2739
Android (android.graphics.Color)	4289229720 (0xFFA87398)
YUV	135.0650, 8.3490, 28.8840
Hunter-Lab	47.8851, 20.6981, -7.0229

Details

The CIELCh color $55, 29.184, 336.621$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $64, 28.862, 151.832$, and the grayscale version is $56, 0.007, 296.813$.

A 20% lighter version of the original color is $75, 28.846, 336.992$, and $35, 29.038, 336.697$ is the 20% darker color. If you saturate the color by 10%, you get $51, 38.191, 337.449$, and if you desaturate by 10%, it is $59, 19.912, 335.849$.

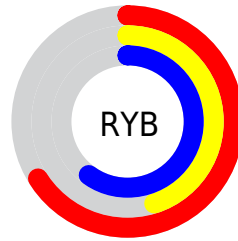
Distribution



Red (66%)

Green (45%)

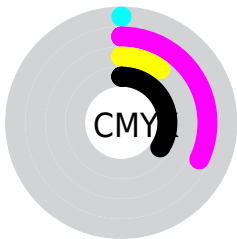
Blue (60%)



Red (66%)

Yellow (45%)

Blue (60%)

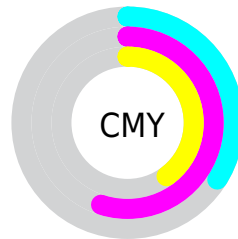


Cyan (0%)

Magenta (32%)

Yellow (10%)

Black (34%)



Cyan (34%)


Magenta (55%)


Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 55, 29.184, 336.621 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, 29.184, 336.621 by changing the saturation by 10% instead.


 55, 29.184,
336.621


 55, 29.184,
336.621


 100, 29.184,
336.621


 45, 29.184,
336.621


 75, 29.184,
336.621

 35, 29.184,
336.621

 85, 29.184,
336.621

 25, 29.184,
336.621

 95, 29.184,
336.621

 15, 29.184,
336.621

 5, 29.184, 336.621

 0, 29.184, 336.621

■ 55, 29.184,
336.621

■ 55, 29.184,
336.621

■ 51, 38.191,
337.449

■ 59, 19.912,
335.849

■ 47, 46.636,
338.347

■ 64, 10.599,
335.116

■ 44, 54.131,
339.341

■ 68, 1.386, 334.252

■ 41, 60.239,
340.467

■ 73, 7.637, 153.868

■ 39, 64.559,
341.780

■ 78, 16.423,
153.246

■ 38, 66.851,
343.351

■ 82, 24.947,
152.673

■ 37, 67.602,
344.876

■ 87, 33.205,
152.136

■ 92, 41.202,
151.632

 93, 42.286,
153.087

Harmonies

Complementary

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



55, 29.184, 336.621



64, 28.862, 151.832

Rectangle

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



55, 29.184, 336.621



55, 29.184, 26.621



55, 29.184, 156.621



55, 29.184, 206.621

Sweetspot

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



55, 29.182, 336.622



82, 10.262, 334.946



52, 31.457, 303.924



43, 7.128, 335.047



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



55, 29.182, 336.622



67, 43.494, 337.209



54, 22.593, 6.742



33, 5.203, 334.955



32, 61.626, 344.645



2, 8.928, 337.572

Inverse Universe

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



55, 29.182, 336.622



67, 43.494, 337.209



65, 19.849, 180.361



33, 5.203, 334.955



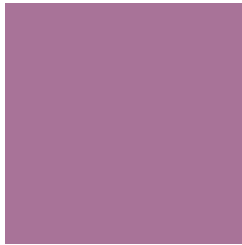
32, 61.626, 344.645



2, 8.928, 337.572

Previews

White Background



This preview shows how the CIELCh color 55, 29.184, 336.621 looks on a white background.

Color Contrast Check

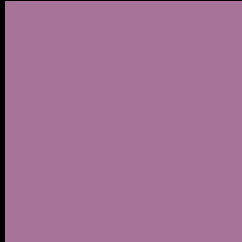
Large Text (above 18pt) WCAG AA ✓ Pass

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, 29.184, 336.621 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

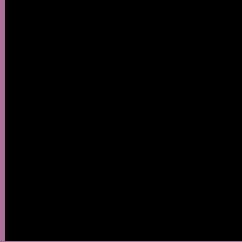
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 29.184, 336.621

Background



This preview shows how black text looks on a background with the CIELCh color 55, 29.184, 336.621.



This preview shows how white text looks on a background with the CIELCh color 55, 29.184, 336.621.

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, 29.184, 336.621

Protanopia

55, 18.442, 285.778

Deuteranopia

55, 12.403, 303.832



Tritanopia
55, 19.075, 6.141

Trichromacy



Original Color
55, 29.184, 336.621

Protanomaly
55, 20.530, 309.052

Deuteranomaly
55, 18.068, 322.228

Tritanomaly
55, 21.958, 352.584

Monochromacy



Original Color
55, 29.184, 336.621

Achromatopsia
56, 0.007, 296.813

Achromatomaly
56, 10.564, 335.785

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 29.184, 336.621 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(168, 115, 152)` looks like.

```
.text, #text, p{  
    color:rgb(168, 115, 152)  
}
```

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(168, 115, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 115, 152) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 29.184, 336.621 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(168, 115, 152) }
```

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

```
.border{ border-color:rgb(168, 115, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 115, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 115, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 115, 152);  
box-shadow:4px 4px 4px 4px rgb(168, 115,  
152) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 29.184, 336.621 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 115, 152) }
```

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

```
.background{ background-color: rgb(168,  
115, 152) }
```

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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