

Converting Colors

CIELCh(55, 34.952, 327.534)

Have a look what the booklet for
CIELCh(55, 34.952, 327.534)
contains.

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Color

CIELCh(55, 35.003, 327.192)

Conversions

Conversions Part 1

Format	Color
Hex	A772A5
RGB	167, 114, 165
RGB Percent	65%, 45%, 65%
CMY	0.3455, 0.5533, 0.3533
CMYK	0.00, 0.32, 0.01, 0.35
HSL	302°, 23%, 55%
HSV	302°, 32%, 65%
XYZ	28.7031, 22.9298, 38.4616
YIQ	135.6610, 15.2170, 27.0970

Conversions

Conversions Part 2

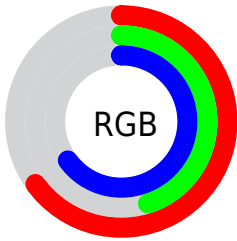
Format	Color
R_{YB}	167, 114, 165
Decimal	10973861
CIE _{Lab}	55.00, 29.42, -18.97
CIE _{LCh}	55, 35.003, 327.192
Yxy	22.9298, 0.3186, 0.2545
Android (android.graphics.Color)	4289163941 (0xFFA772A5)
YUV	135.6610, 14.4641, 27.4843
Hunter-Lab	47.8851, 23.1966, -14.1025

Details

The CIELCh color **55, 35.003, 327.192** is a light color, and the websafe version is hex **996699**. A complement of this color would be **64, 35.006, 143.235**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **75, 34.739, 327.319**, and **35, 34.777, 327.194** is the 20% darker color. If you saturate the color by 10%, you get **51, 45.603, 327.715**, and if you desaturate by 10%, it is **59, 24.028, 326.647**.

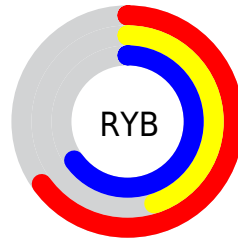
Distribution



Red (65%)

Green (45%)

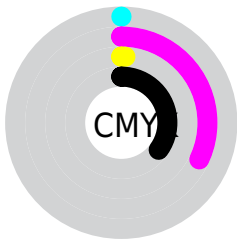
Blue (65%)



Red (65%)

Yellow (45%)

Blue (65%)

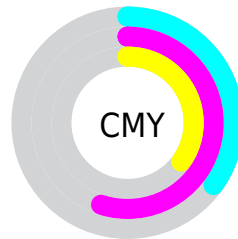


Cyan (0%)

Magenta (32%)

Yellow (1%)

Black (35%)



Cyan (35%)


Magenta (55%)


Yellow (35%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 55, 35.003, 327.192 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, 35.003, 327.192 by changing the saturation by 10% instead.


 55, 35.003,
327.192


 55, 35.003,
327.192


 100, 35.003,
327.192


 45, 35.003,
327.192


 75, 35.003,
327.192

 35, 35.003,
327.192

 85, 35.003,
327.192

 25, 35.003,
327.192

 95, 35.003,
327.192

 15, 35.003,
327.192

 5, 35.003, 327.192

 0, 35.003, 327.192

■ 55, 35.003,
327.192

■ 55, 35.003,
327.192

■ 51, 45.603,
327.715

■ 59, 24.028,
326.647

■ 48, 55.499,
328.205

■ 63, 12.941,
326.089

■ 45, 64.284,
328.647

■ 68, 1.920, 325.439

■ 43, 71.532,
329.030

■ 72, 8.916, 145.050

■ 41, 76.884,
329.349

■ 77, 19.493,
144.516

■ 40, 80.159,
329.602

■ 81, 29.773,
144.013

■ 39, 81.706,
329.778

■ 86, 39.738,
143.537

■ 91, 49.386,
143.087

■ 93, 53.520,
142.998

Harmonies

Complementary

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



55, 35.003, 327.192



64, 35.006, 143.235

Rectangle

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



55, 35.003, 327.192



55, 35.003, 17.192



55, 35.003, 147.192



55, 35.003, 197.192

Sweetspot

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



55, 35.001, 327.192



81, 13.612, 326.000



50, 31.058, 295.138



43, 9.368, 326.077



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, 35.001, 327.192



67, 51.534, 327.558



54, 25.205, 348.530



33, 6.267, 325.949



34, 74.789, 329.762



2, 11.259, 325.885

Inverse Universe

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



55, 35.001, 327.192



67, 51.534, 327.558



64, 24.089, 162.510



33, 6.267, 325.949



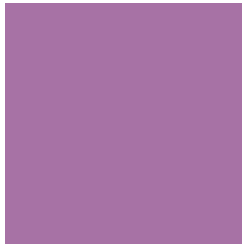
34, 74.789, 329.762



2, 11.259, 325.885

Previews

White Background



This preview shows how the CIELCh color 55, 35.003, 327.192 looks on a white background.

Color Contrast Check

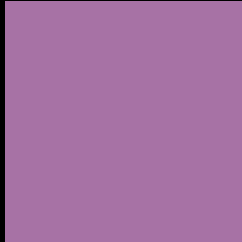
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 55, 35.003, 327.192 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

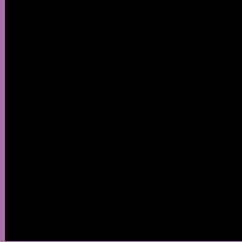
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 35.003, 327.192

Background



This preview shows how black text looks on a background with the CIELCh color 55, 35.003, 327.192.



This preview shows how white text looks on a background with the CIELCh color 55, 35.003, 327.192.

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, 35.003, 327.192

Protanopia

55, 27.119, 285.652

Deuteranopia

55, 18.993, 293.505



Tritanopia
55, 17.451, 4.415

Trichromacy



Original Color
55, 35.003, 327.192

Protanomaly
55, 28.631, 301.804

Deuteranomaly
55, 23.589, 309.750

Tritanomaly
55, 22.964, 343.777

Monochromacy



Original Color
55, 35.003, 327.192

Achromatopsia
57, 0.007, 296.813

Achromatomaly
56, 13.172, 325.115

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 35.003, 327.192 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(167, 114, 165)` looks like.

```
.text, #text, p{  
    color:rgb(167, 114, 165)  
}
```

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(167, 114, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 114, 165) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 35.003, 327.192 is called "border". The border property can be set on classes, ids or directly on the HTML element.

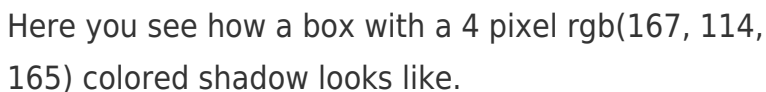
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(167, 114, 165) }
```

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

```
.border{ border-color:rgb(167, 114, 165) }
```

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



Here you see how a box with a 4 pixel `rgb(167, 114, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(167, 114, 165); -webkit-box-shadow:4px 4px 4px 4px rgb(167, 114, 165); box-shadow:4px 4px 4px 4px rgb(167, 114, 165) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 35.003, 327.192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 114, 165) }
```

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

```
.background{ background-color: rgb(167,  
114, 165) }
```

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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