

Converting Colors

CIELCh(56, 35.246, 326.156)

Have a look what the booklet for
CIELCh(56, 35.246, 326.156)
contains.

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Color

CIELCh(56, 35.162, 326.079)

Conversions

Conversions Part 1

Format	Color
Hex	A975A9
RGB	169, 117, 169
RGB Percent	66%, 46%, 66%
CMY	0.3384, 0.5423, 0.3384
CMYK	0.00, 0.31, 0.00, 0.34
HSL	300°, 23%, 56%
HSV	300°, 31%, 66%
XYZ	29.7601, 23.9124, 40.4375
YIQ	138.4760, 14.3000, 27.1960

Conversions

Conversions Part 2

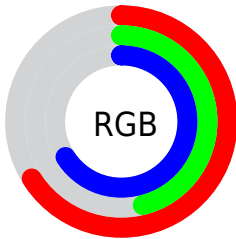
Format	Color
R _Y B	169, 117, 169
Decimal	11105705
CIE Lab	56.00, 29.18, -19.62
CIE LCh	56, 35.162, 326.079
Yxy	23.9124, 0.3162, 0.2541
Android (android.graphics.Color)	4289295785 (0xFFA975A9)
YUV	138.4760, 15.0483, 26.7695
Hunter-Lab	48.9003, 23.0571, -14.7989

Details

The CIELCh color **56, 35.162, 326.079** is a light color, and the websafe version is hex **996699**. A complement of this color would be **64, 35.168, 142.315**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **76, 34.889, 326.271**, and **36, 34.968, 325.969** is the 20% darker color. If you saturate the color by 10%, you get **52, 46.170, 326.580**, and if you desaturate by 10%, it is **60, 23.790, 325.551**.

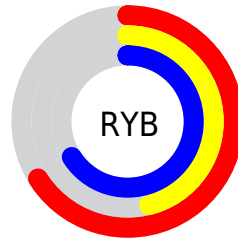
Distribution



Red (66%)

Green (46%)

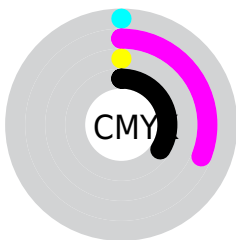
Blue (66%)



Red (66%)

Yellow (46%)

Blue (66%)

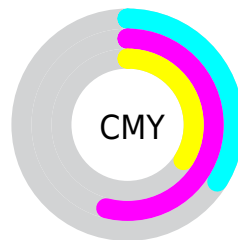


Cyan (0%)

Magenta (31%)

Yellow (0%)

Black (34%)



Cyan (34%)


Magenta (54%)


Yellow (34%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 56, 35.162, 326.079 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 56, 35.162, 326.079 by changing the saturation by 10% instead.


 56, 35.162,
326.079


 56, 35.162,
326.079


 100, 35.162,
326.079


 46, 35.162,
326.079


 76, 35.162,
326.079

 36, 35.162,
326.079

 86, 35.162,
326.079

 26, 35.162,
326.079

 96, 35.162,
326.079

 16, 35.162,
326.079

 6, 35.162, 326.079

 0, 35.162, 326.079

56, 35.162,
326.079

56, 35.162,
326.079

52, 46.170,
326.580

60, 23.790,
325.551

49, 56.483,
327.038

64, 12.318,
325.004

46, 65.694,
327.437

69, 0.926, 324.239

43, 73.373,
327.761

73, 10.268,
143.978

42, 79.156,
328.000

78, 21.188,
143.454


41, 82.850,
328.151

83, 31.796,
142.958

40, 84.810,
328.230

87, 42.074,
142.489

92, 52.019,
142.047

 93, 53.933,
141.964

Harmonies

Complementary

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



56, 35.162, 326.079



64, 35.168, 142.315

Rectangle

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



56, 35.162, 326.079



56, 35.162, 16.079



56, 35.162, 146.079



56, 35.162, 196.079

Sweetspot

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



56, 35.160, 326.079



83, 12.681, 324.912



51, 29.798, 293.294



43, 8.805, 324.990



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



56, 35.160, 326.079



68, 52.000, 326.426



55, 25.408, 345.536



33, 6.429, 324.918



35, 76.993, 328.230



2, 11.672, 324.436

Inverse Universe

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



54, 22.053, 21.945



66, 33.586, 22.856



65, 24.553, 159.972



33, 3.724, 19.901



30, 69.024, 39.357



1, 6.572, 19.400

Previews

White Background



This preview shows how the CIELCh color 56, 35.162, 326.079 looks on a white background.

Color Contrast Check

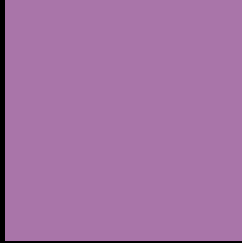
Large Text (above 18pt) WCAG AA ✓ Pass

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 56, 35.162, 326.079 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 56, 35.162, 326.079

Background



This preview shows how black text looks on a background with the CIELCh color 56, 35.162, 326.079.



This preview shows how white text looks on a background with the CIELCh color 56, 35.162, 326.079.

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

56, 35.162, 326.079

Protanopia

56, 27.049, 284.889

Deuteranopia

56, 19.479, 292.453



Tritanopia
56, 16.981, 3.891

Trichromacy



Original Color
56, 35.162, 326.079

Protanomaly
56, 28.470, 301.069

Deuteranomaly
56, 24.614, 308.983

Tritanomaly
56, 22.582, 343.048

Monochromacy



Original Color
56, 35.162, 326.079

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 13.139, 325.106

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 35.162, 326.079 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(169, 117, 169)` looks like.

```
.text, #text, p{  
    color:rgb(169, 117, 169)  
}
```

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(169, 117, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 117, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 35.162, 326.079 is called "border". The border property can be set on classes, ids or directly on the HTML element.

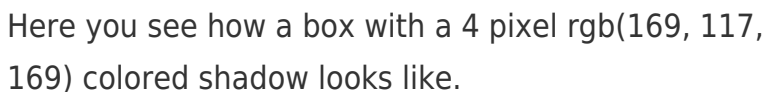
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(169, 117, 169) }
```

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

```
.border{ border-color:rgb(169, 117, 169) }
```

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



Here you see how a box with a 4 pixel `rgb(169, 117, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(169, 117, 169); -webkit-box-shadow:4px 4px 4px 4px rgb(169, 117, 169); box-shadow:4px 4px 4px 4px rgb(169, 117, 169) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 35.162, 326.079 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 117, 169) }
```

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

```
.background{ background-color: rgb(169,  
117, 169) }
```

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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