

Converting Colors

CIELCh(56, 33.963, 323.486)

Have a look what the booklet for
CIELCh(56, 33.963, 323.486)
contains.

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Color

CIELCh(56, 34.265, 323.277)

Conversions

Conversions Part 1

Format	Color
Hex	A576AA
RGB	165, 118, 170
RGB Percent	65%, 46%, 67%
CMY	0.3524, 0.5367, 0.3328
CMYK	0.03, 0.31, 0.00, 0.33
HSL	294°, 23%, 57%
HSV	294°, 31%, 67%
XYZ	29.3119, 23.9124, 41.1732
YIQ	137.9810, 11.3200, 26.1360

Conversions

Conversions Part 2

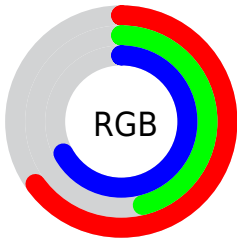
Format	Color
RYB	165, 118, 170
Decimal	10843818
CIELab	56.00, 27.46, -20.49
CIElCh	56, 34.265, 323.277
Yxy	23.9124, 0.3105, 0.2533
Android (android.graphics.Color)	4289033898 (0xFFA576AA)
YUV	137.9810, 15.7854, 23.6957
Hunter-Lab	48.9003, 21.4211, -15.6909

Details

The CIELCh color $56, 34.265, 323.277$ is a light color, and the websafe version is hex `996699`. A complement of this color would be $65, 34.068, 139.997$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $76, 33.971, 323.633$, and $36, 34.155, 322.911$ is the 20% darker color. If you saturate the color by 10%, you get $52, 45.248, 323.722$, and if you desaturate by 10%, it is $60, 23.029, 322.803$.

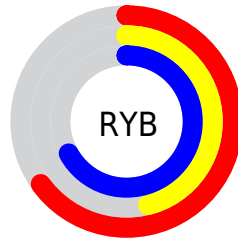
Distribution



Red (65%)

Green (46%)

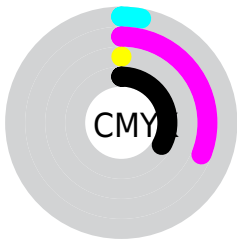
Blue (67%)



Red (65%)

Yellow (46%)

Blue (67%)

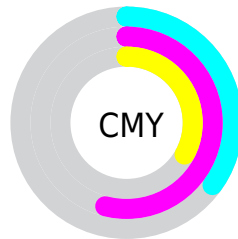


Cyan (3%)

Magenta (31%)

Yellow (0%)

Black (33%)



Cyan (35%)

Magenta (54%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 56, 34.265, 323.277 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, 34.265, 323.277 by changing the saturation by 10% instead.

 56, 34.265,
323.277


 56, 34.265,
323.277


 100, 34.265,
323.277


 46, 34.265,
323.277


 76, 34.265,
323.277

 36, 34.265,
323.277

 86, 34.265,
323.277

 26, 34.265,
323.277

 96, 34.265,
323.277

 16, 34.265,
323.277

 6, 34.265, 323.277

 0, 34.265, 323.277

56, 34.265,
323.277

56, 34.265,
323.277

52, 45.248,
323.722

60, 23.029,
322.803

48, 55.676,
324.118

65, 11.769,
322.312

45, 65.155,
324.439

69, 0.631, 321.520

42, 73.232,
324.658

74, 10.290,
141.405

40, 79.474,
324.749

79, 20.939,
140.947

38, 83.590,
324.691

84, 31.286,
140.519

37, 85.883,
324.525

88, 41.323,
140.118

93, 51.050,
139.745

■ 94, 51.167,
139.265

Harmonies

Complementary

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



56, 34.265, 323.277



65, 34.068, 139.997

Rectangle

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



56, 34.265, 323.277



56, 34.265, 13.277



56, 34.265, 143.277



56, 34.265, 193.277

Sweetspot

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



56, 34.263, 323.277



83, 12.430, 322.242



53, 27.112, 289.768



44, 8.715, 322.313



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



56, 34.263, 323.277



68, 51.326, 323.597



56, 26.755, 341.107



33, 6.243, 322.248



32, 77.471, 324.566



2, 11.200, 320.822

Inverse Universe

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



55, 21.829, 14.551



67, 33.437, 15.614



65, 26.194, 156.016



33, 3.748, 12.146



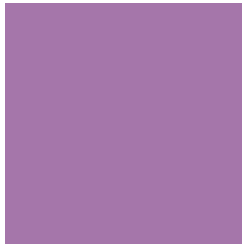
30, 65.597, 35.225



1, 6.630, 12.556

Previews

White Background



This preview shows how the CIELCh color 56, 34.265, 323.277 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 56, 34.265, 323.277 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

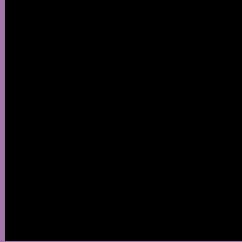
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 56, 34.265, 323.277

Background



This preview shows how black text looks on a background with the CIELCh color 56, 34.265, 323.277.



This preview shows how white text looks on a background with the CIELCh color 56, 34.265, 323.277.

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, 34.265, 323.277

Protanopia

56, 27.609, 285.152

Deuteranopia

56, 20.617, 291.608



Tritanopia
56, 15.175, 359.163

Trichromacy



Original Color
56, 34.265, 323.277

Protanomaly
56, 28.350, 299.665

Deuteranomaly
56, 24.866, 306.194

Tritanomaly
56, 20.790, 338.560

Monochromacy



Original Color
56, 34.265, 323.277

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 12.714, 322.147

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 34.265, 323.277 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(165, 118, 170)` looks like.

```
.text, #text, p{  
    color:rgb(165, 118, 170)  
}
```

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(165, 118, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 118, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 34.265, 323.277 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(165, 118, 170) }
```

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

```
.border{ border-color:rgb(165, 118, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 118, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 118, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 118, 170);  
box-shadow:4px 4px 4px 4px rgb(165, 118,  
170) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 34.265, 323.277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 118, 170) }
```

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

```
.background{ background-color: rgb(165,  
118, 170) }
```

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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