

Converting Colors

CIELCh(56, 38.652, 304.722)

Have a look what the booklet for
CIELCh(56, 38.652, 304.722)
contains.

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Color

CIELCh(56, 39.173, 304.697)

Conversions

Conversions Part 1

Format	Color
Hex	907BBE
RGB	144, 123, 190
RGB Percent	56%, 48%, 75%
CMY	0.4342, 0.5166, 0.2538
CMYK	0.24, 0.35, 0.00, 0.25
HSL	259°, 34%, 61%
HSV	259°, 35%, 75%
XYZ	27.9876, 23.9124, 52.0142
YIQ	136.9170, -8.9910, 25.2890

Conversions

Conversions Part 2

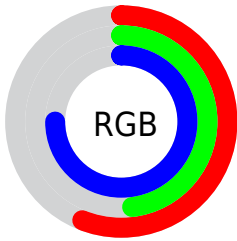
Format	Color
RYB	144, 123, 190
Decimal	9468862
CIELab	56.00, 22.30, -32.21
CIELCh	56, 39.173, 304.697
Yxy	23.9124, 0.2693, 0.2301
Android (android.graphics.Color)	4287658942 (0xFF907BBE)
YUV	136.9170, 26.1699, 6.2118
Hunter-Lab	48.9003, 16.5871, -28.8352

Details

The CIELCh color $56, 39.173, 304.697$ is a light color, and the websafe version is hex 666699 . A complement of this color would be $74, 36.505, 120.323$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $76, 39.172, 304.570$, and $36, 39.020, 304.757$ is the 20% darker color. If you saturate the color by 10%, you get $50, 51.035, 305.544$, and if you desaturate by 10%, it is $62, 27.593, 303.918$.

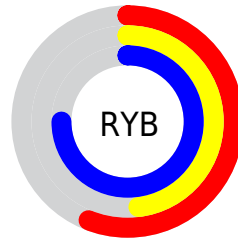
Distribution



Red (56%)

Green (48%)

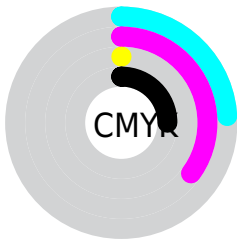
Blue (75%)



Red (56%)

Yellow (48%)

Blue (75%)

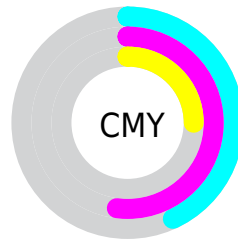


Cyan (24%)

Magenta (35%)

Yellow (0%)

Black (25%)



Cyan (43%)


Magenta (52%)


Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 56, 39.173, 304.697 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, 39.173, 304.697 by changing the saturation by 10% instead.


 56, 39.173,
304.697


 56, 39.173,
304.697


 100, 39.173,
304.697


 46, 39.173,
304.697


 76, 39.173,
304.697

 36, 39.173,
304.697

 86, 39.173,
304.697

 26, 39.173,
304.697

 96, 39.173,
304.697

 16, 39.173,
304.697

 6, 39.173, 304.697

 0, 39.173, 304.697

56, 39.173,
304.697

56, 39.173,
304.697

50, 51.035,
305.544

62, 27.593,
303.918

44, 63.023,
306.429

68, 16.370,
303.217

39, 74.809,
307.294

74, 5.524, 302.592

34, 85.802,
308.037

80, 4.947, 122.070

30, 95.080,
308.508

86, 15.056,
121.592

27, 101.547,
308.534

92, 24.819,
121.182

26, 103.977,
308.487

97, 33.460,
120.241

98, 32.675,
111.859

 99, 32.572,
107.699

Harmonies

Complementary

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



56, 39.173, 304.697



74, 36.505, 120.323

Rectangle

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



56, 39.173, 304.697



56, 39.173, 354.697



56, 39.173, 124.697



56, 39.173, 174.697

Sweetspot

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



56, 39.172, 304.697



89, 14.537, 302.956



67, 18.624, 235.260



47, 9.870, 303.043



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



56, 39.172, 304.697



66, 58.450, 305.323



59, 42.192, 320.351



37, 5.993, 302.842



21, 90.503, 308.618



1, 17.685, 299.303

Inverse Universe

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



60, 35.720, 337.460



73, 52.364, 338.111



72, 41.545, 136.910



37, 5.673, 335.445



35, 64.179, 345.618



3, 15.898, 340.582

Previews

White Background



This preview shows how the CIELCh color 56, 39.173, 304.697 looks on a white background.

Color Contrast Check

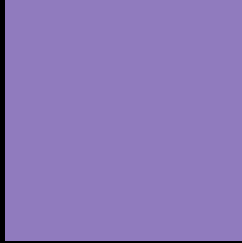
Large Text (above 18pt) WCAG AA ✓ Pass

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, 39.173, 304.697 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

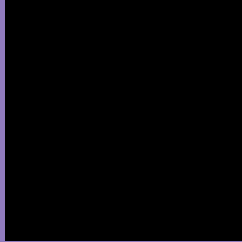
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 56, 39.173, 304.697

Background



This preview shows how black text looks on a background with the CIELCh color 56, 39.173, 304.697.



This preview shows how white text looks on a background with the CIELCh color 56, 39.173, 304.697.

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, 39.173, 304.697

Protanopia

56, 37.381, 285.578

Deuteranopia

56, 31.749, 283.512



Tritanopia
56, 5.863, 302.191

Trichromacy



Original Color
56, 39.173, 304.697

Protanomaly
56, 37.782, 292.118

Deuteranomaly
56, 34.376, 292.521

Tritanomaly
56, 18.234, 303.800

Monochromacy



Original Color
56, 39.173, 304.697

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 14.107, 303.921

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 39.173, 304.697 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(144, 123, 190)` looks like.

```
.text, #text, p{  
    color:rgb(144, 123, 190)  
}
```

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(144, 123, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 123, 190) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 39.173, 304.697 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(144, 123, 190) }
```

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

```
.border{ border-color:rgb(144, 123, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 123, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 123, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 123, 190);  
box-shadow:4px 4px 4px 4px rgb(144, 123,  
190) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 39.173, 304.697 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 123, 190) }
```

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

```
.background{ background-color: rgb(144,  
123, 190) }
```

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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