

Converting Colors

CIELCh(56, 37.323, 304.138)

Have a look what the booklet for
CIELCh(56, 37.323, 304.138)
contains.

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Color

CIELCh(56, 37.364, 304.050)

Conversions

Conversions Part 1

Format	Color
Hex	8F7CBC
RGB	143, 124, 188
RGB Percent	56%, 49%, 74%
CMY	0.4389, 0.5134, 0.2625
CMYK	0.24, 0.34, 0.00, 0.26
HSL	258°, 32%, 61%
HSV	258°, 34%, 74%
XYZ	27.6412, 23.9124, 50.7774
YIQ	136.9770, -9.2200, 23.9320

Conversions

Conversions Part 2

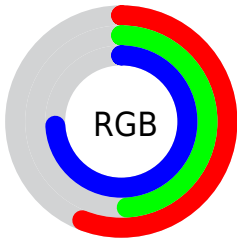
Format	Color
R_YB	143, 124, 188
Decimal	9403580
CIE _{Lab}	56.00, 20.92, -30.96
CIE _{LCh}	56, 37.364, 304.050
Y _{xy}	23.9124, 0.2701, 0.2337
Android (android.graphics.Color)	4287593660 (0xFF8F7CBC)
YUV	136.9770, 25.1543, 5.2822
Hunter-Lab	48.9003, 15.3227, -27.3357

Details

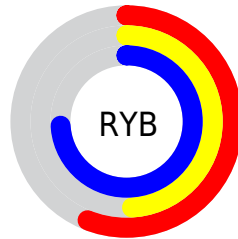
The CIELCh color $56, 37.364, 304.050$ is a dark color, and the websafe version is hex `9999CC`. A complement of this color would be $73, 34.863, 119.717$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $76, 36.929, 304.114$, and $36, 37.106, 304.021$ is the 20% darker color. If you saturate the color by 10%, you get $50, 49.093, 304.924$, and if you desaturate by 10%, it is $62, 25.941, 303.252$.

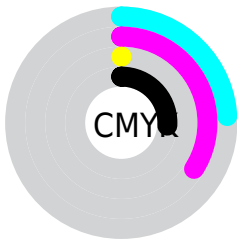
Distribution



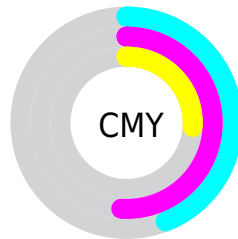
- Red (56%)
- Green (49%)
- Blue (74%)



- Red (56%)
- Yellow (49%)
- Blue (74%)



- Cyan (24%)
- Magenta (34%)
- Yellow (0%)
- Black (26%)





- Cyan (44%)
- Magenta (51%)
- Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 56, 37.364, 304.050 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, 37.364, 304.050 by changing the saturation by 10% instead.


 56, 37.364,
304.050


 56, 37.364,
304.050


 100, 37.364,
304.050


 46, 37.364,
304.050


 76, 37.364,
304.050

 36, 37.364,
304.050

 86, 37.364,
304.050

 26, 37.364,
304.050

 96, 37.364,
304.050

 16, 37.364,
304.050

 6, 37.364, 304.050

 0, 37.364, 304.050

56, 37.364,
304.050

56, 37.364,
304.050

50, 49.093,
304.924

62, 25.941,
303.252

44, 60.993,
305.849

68, 14.884,
302.539

39, 72.771,
306.771

74, 4.207, 301.904

80, 6.097, 121.374

34, 83.880,
307.593

86, 16.041,
120.894

30, 93.434,
308.166


92, 25.645,
120.482

27, 100.312,
308.309

97, 34.533,
119.834

25, 103.366,
308.275

98, 33.761,
111.587

 99, 33.663,
107.614

Harmonies

Complementary

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



56, 37.364, 304.050



73, 34.863, 119.717

Rectangle

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



56, 37.364, 304.050



56, 37.364, 354.050



56, 37.364, 124.050



56, 37.364, 174.050

Sweetspot

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



56, 37.363, 304.050



89, 13.053, 302.285



67, 17.864, 232.731



46, 8.924, 302.376



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



56, 37.363, 304.050



66, 56.435, 304.712



59, 40.239, 319.786



37, 5.980, 302.234



20, 90.766, 308.394



1, 17.662, 298.850

Inverse Universe

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



60, 34.595, 336.626



72, 51.315, 337.264



71, 39.576, 136.524



37, 5.741, 334.758



35, 64.852, 344.400



3, 16.124, 339.620

Previews

White Background



This preview shows how the CIELCh color 56, 37.364, 304.050 looks on a white background.

Color Contrast Check

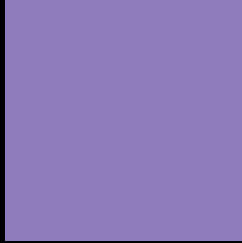
Large Text (above 18pt) WCAG AA ✓ Pass

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, 37.364, 304.050 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

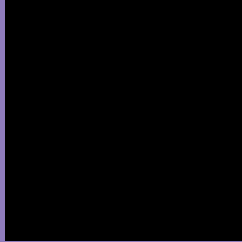
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 56, 37.364, 304.050

Background



This preview shows how black text looks on a background with the CIELCh color 56, 37.364, 304.050.



This preview shows how white text looks on a background with the CIELCh color 56, 37.364, 304.050.

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, 37.364, 304.050

Protanopia

56, 36.235, 285.568

Deuteranopia

56, 30.555, 284.055



Tritanopia
56, 6.363, 297.830

Trichromacy



Original Color
56, 37.364, 304.050

Protanomaly
56, 36.079, 292.296

Deuteranomaly
56, 32.639, 291.655

Tritanomaly
56, 17.512, 301.775

Monochromacy



Original Color
56, 37.364, 304.050

Achromatopsia
57, 0.007, 296.813

Achromatomaly
56, 14.032, 302.428

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 37.364, 304.050 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(143, 124, 188)` looks like.

```
.text, #text, p{  
    color:rgb(143, 124, 188)  
}
```

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(143, 124, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 124, 188) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 37.364, 304.050 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(143, 124, 188) }
```

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

```
.border{ border-color:rgb(143, 124, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 124, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 124, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 124, 188);  
box-shadow:4px 4px 4px 4px rgb(143, 124,  
188) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 37.364, 304.050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 124, 188) }
```

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

```
.background{ background-color: rgb(143,  
124, 188) }
```

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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