

Converting Colors

CIELCh(56, 31.809, 304.952)

Have a look what the booklet for
CIELCh(56, 31.809, 304.952)
contains.

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Color

CIELCh(56, 32.275, 304.776)

Conversions

Conversions Part 1

Format	Color
Hex	8F7DB4
RGB	143, 125, 180
RGB Percent	56%, 49%, 71%
CMY	0.4381, 0.5087, 0.2929
CMYK	0.21, 0.31, 0.00, 0.29
HSL	260°, 27%, 60%
HSV	260°, 31%, 71%
XYZ	27.0172, 23.9124, 46.5331
YIQ	136.6520, -6.9270, 20.9210

Conversions

Conversions Part 2

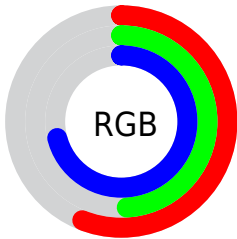
Format	Color
R_{YB}	143, 125, 180
Decimal	9403828
CIE _{Lab}	56.00, 18.41, -26.51
CIE _{LCh}	56, 32.275, 304.776
Yxy	23.9124, 0.2772, 0.2453
Android (android.graphics.Color)	4287593908 (0xFF8F7DB4)
YUV	136.6520, 21.3706, 5.5672
Hunter-Lab	48.9003, 13.0447, -22.1896

Details

The CIELCh color $56, 32.275, 304.776$ is a dark color, and the websafe version is hex `9999CC`. A complement of this color would be $71, 30.443, 121.145$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $76, 32.061, 304.379$, and $36, 32.282, 305.002$ is the 20% darker color. If you saturate the color by 10%, you get $50, 43.508, 305.563$, and if you desaturate by 10%, it is $62, 21.341, 304.058$.

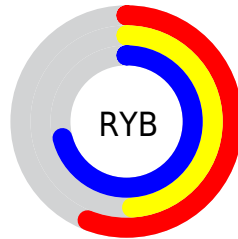
Distribution



Red (56%)

Green (49%)

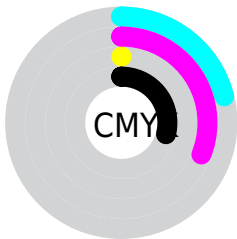
Blue (71%)



Red (56%)

Yellow (49%)

Blue (71%)

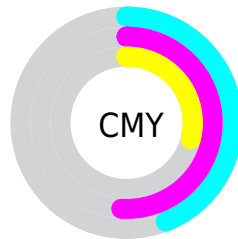


Cyan (21%)

Magenta (31%)

Yellow (0%)

Black (29%)



Cyan (44%)


Magenta (51%)


Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 56, 32.275, 304.776 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, 32.275, 304.776 by changing the saturation by 10% instead.


 56, 32.275,
304.776


 56, 32.275,
304.776


 100, 32.275,
304.776


 46, 32.275,
304.776


 76, 32.275,
304.776

 36, 32.275,
304.776

 86, 32.275,
304.776

 26, 32.275,
304.776

 96, 32.275,
304.776

 16, 32.275,
304.776

 6, 32.275, 304.776

 0, 32.275, 304.776

56, 32.275,
304.776

56, 32.275,
304.776

50, 43.508,
305.563

62, 21.341,
304.058

45, 54.936,
306.399

67, 10.755,
303.414

40, 66.329,
307.242

73, 0.525, 302.750

79, 9.354, 122.364

35, 77.261,
308.015

84, 18.897,
121.930

30, 87.017,
308.594


90, 28.120,
121.556

27, 94.614,
308.818

96, 37.042,
121.234

24, 99.604,
308.716

97, 37.965,
115.821

 98, 37.514,
108.822

Harmonies

Complementary

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



56, 32.275, 304.776



71, 30.443, 121.145

Rectangle

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



56, 32.275, 304.776



56, 32.275, 354.776



56, 32.275, 124.776



56, 32.275, 174.776

Sweetspot

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



56, 32.274, 304.776



87, 11.377, 303.332



65, 15.715, 236.866



45, 7.918, 303.419



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



56, 32.274, 304.776



67, 49.008, 305.329



59, 35.113, 320.657



35, 5.734, 303.341



20, 88.104, 308.840



1, 13.547, 300.014

Inverse Universe

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



59, 29.394, 337.674



72, 44.010, 338.283



69, 34.684, 137.680



35, 5.365, 336.023



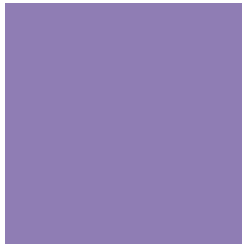
33, 62.166, 346.588



2, 11.936, 340.261

Previews

White Background



This preview shows how the CIELCh color 56, 32.275, 304.776 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, 32.275, 304.776 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

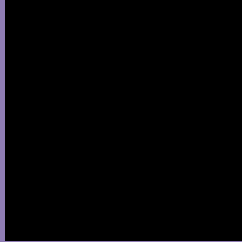
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 56, 32.275, 304.776

Background



This preview shows how black text looks on a background with the CIELCh color 56, 32.275, 304.776.



This preview shows how white text looks on a background with the CIELCh color 56, 32.275, 304.776.

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, 32.275, 304.776

Protanopia

56, 31.076, 285.473

Deuteranopia

56, 26.987, 286.949



Tritanopia
56, 5.954, 305.828

Trichromacy



Original Color
56, 32.275, 304.776

Protanomaly
56, 30.932, 291.920

Deuteranomaly
56, 28.089, 293.425

Tritanomaly
56, 15.900, 304.036

Monochromacy



Original Color
56, 32.275, 304.776

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 11.700, 302.574

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 32.275, 304.776 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, 125, 180)` looks like.

```
.text, #text, p{  
    color:rgb(143, 125, 180)  
}
```

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, 125, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 125, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 32.275, 304.776 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, 125, 180) }
```

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

```
.border{ border-color:rgb(143, 125, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 125, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 125, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 125, 180);  
box-shadow:4px 4px 4px 4px rgb(143, 125,  
180) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 32.275, 304.776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 125, 180) }
```

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

```
.background{ background-color: rgb(143,  
125, 180) }
```

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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