

Converting Colors

CIELCh(56, 18.564, 303.103)

Have a look what the booklet for
CIELCh(56, 18.564, 303.103)
contains.

CIELCh(56, 18.139, 302.652)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(56, 18.139, 302.652)

Conversions

Conversions Part 1

Format	Color
Hex	8B82A1
RGB	139, 130, 161
RGB Percent	55%, 51%, 63%
CMY	0.4561, 0.4913, 0.3698
CMYK	0.14, 0.19, 0.00, 0.37
HSL	257°, 14%, 57%
HSV	257°, 19%, 63%
XYZ	24.9467, 23.9124, 36.8769
YIQ	136.2250, -4.5870, 11.5490

Conversions

Conversions Part 2

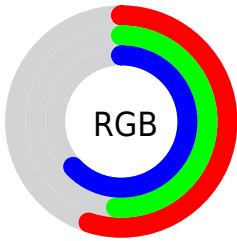
Format	Color
R_{YB}	139, 130, 161
Decimal	9142945
CIE Lab	56.00, 9.79, -15.27
CIE LCh	56, 18.139, 302.652
Yxy	23.9124, 0.2910, 0.2789
Android (android.graphics.Color)	4287333025 (0xFF8B82A1)
YUV	136.2250, 12.2141, 2.4337
Hunter-Lab	48.9003, 5.4870, -10.4818

Details

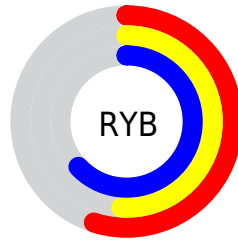
The CIELCh color $56, 18.139, 302.652$ is a dark color, and the websafe version is hex `9999CC`. A complement of this color would be $65, 17.481, 120.328$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $76, 18.195, 302.853$, and $36, 17.740, 302.898$ is the 20% darker color. If you saturate the color by 10%, you get $51, 28.023, 303.408$, and if you desaturate by 10%, it is $61, 8.582, 301.978$.

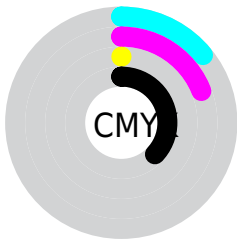
Distribution



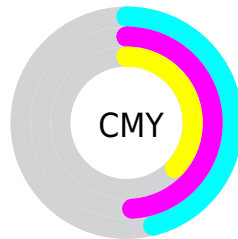
- Red (55%)
- Green (51%)
- Blue (63%)



- Red (55%)
- Yellow (51%)
- Blue (63%)



- Cyan (14%)
- Magenta (19%)
- Yellow (0%)
- Black (37%)





- Cyan (46%)
- Magenta (49%)
- Yellow (37%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 56, 18.139, 302.652 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, 18.139, 302.652 by changing the saturation by 10% instead.


 56, 18.139,
302.652


 56, 18.139,
302.652


 100, 18.139,
302.652


 46, 18.139,
302.652


 76, 18.139,
302.652

 36, 18.139,
302.652

 86, 18.139,
302.652

 26, 18.139,
302.652

 96, 18.139,
302.652

 16, 18.139,
302.652

 6, 18.139, 302.652

 0, 18.139, 302.652

■ 56, 18.139,
302.652

■ 56, 18.139,
302.652

■ 51, 28.023,
303.408

■ 61, 8.582, 301.978

■ 46, 38.211,
304.248

■ 67, 0.643, 121.453

■ 72, 9.548, 120.885

■ 40, 48.628,
305.156

■ 77, 18.147,
120.439

■ 35, 59.103,
306.097

■ 82, 26.457,
120.054

■ 31, 69.298,
307.001

■ 87, 34.497,
119.722

■ 27, 78.616,
307.750

■ 92, 42.283,
119.437

■ 23, 86.167,
308.180

■ 96, 48.114,
118.223

■ 21, 91.587,

308.278

97, 47.359,
113.046

21, 91.977,
308.296

Harmonies

Complementary

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



56, 18.139, 302.652



65, 17.481, 120.328

Rectangle

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



56, 18.139, 302.652



56, 18.139, 352.652



56, 18.139, 122.652



56, 18.139, 172.652

Sweetspot

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



56, 18.138, 302.651



80, 6.839, 301.781



61, 9.302, 231.000



42, 4.531, 301.817



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



56, 18.138, 302.651



69, 27.002, 302.955



57, 19.940, 319.133



32, 5.296, 301.978



18, 85.370, 308.373



1, 8.094, 300.398

Inverse Universe

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



58, 17.320, 335.190



72, 25.633, 335.495



64, 19.744, 137.403



32, 5.115, 334.474



32, 61.323, 343.777



1, 7.588, 336.233

Previews

White Background



This preview shows how the CIELCh color 56, 18.139, 302.652 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, 18.139, 302.652 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

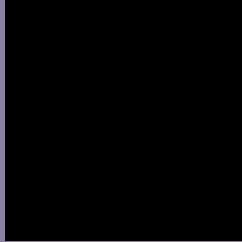
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 56, 18.139, 302.652

Background



This preview shows how black text looks on a background with the CIELCh color 56, 18.139, 302.652.



This preview shows how white text looks on a background with the CIELCh color 56, 18.139, 302.652.

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, 18.139, 302.652

Protanopia

56, 17.229, 286.286

Deuteranopia

56, 16.695, 295.865



Tritanopia
56, 5.863, 302.191

Trichromacy



Original Color
56, 18.139, 302.652

Protanomaly
56, 17.194, 292.196

Deuteranomaly
56, 16.765, 298.349

Tritanomaly
56, 9.957, 302.252

Monochromacy



Original Color
56, 18.139, 302.652

Achromatopsia
57, 0.007, 296.813

Achromatomaly
56, 6.416, 301.221

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 18.139, 302.652 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(139, 130, 161)` looks like.

```
.text, #text, p{  
    color:rgb(139, 130, 161)  
}
```

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(139, 130, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 130, 161) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 18.139, 302.652 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(139, 130, 161) }
```

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

```
.border{ border-color:rgb(139, 130, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 130, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 130, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 130, 161);  
box-shadow:4px 4px 4px 4px rgb(139, 130,  
161) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 18.139, 302.652 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 130, 161) }
```

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

```
.background{ background-color: rgb(139,  
130, 161) }
```

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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