

Converting Colors

CIELCh(56, 11.491, 308.650)

Have a look what the booklet for
CIELCh(56, 11.491, 308.650)
contains.

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Color

CIELCh(56, 11.460, 308.712)

Conversions

Conversions Part 1

Format	Color
Hex	8C8396
RGB	140, 131, 150
RGB Percent	55%, 51%, 59%
CMY	0.4520, 0.4872, 0.4128
CMYK	0.07, 0.13, 0.00, 0.41
HSL	268°, 8%, 55%
HSV	268°, 13%, 59%
XYZ	24.3393, 23.9124, 32.0782
YIQ	135.8570, -0.7350, 7.8170

Conversions

Conversions Part 2

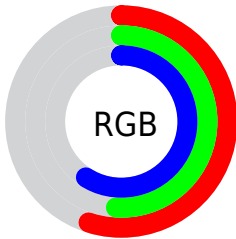
Format	Color
R_{YB}	140, 131, 150
Decimal	9208726
CIE _{Lab}	56.00, 7.17, -8.94
CIE _{LCh}	56, 11.460, 308.712
Yxy	23.9124, 0.3030, 0.2977
Android (android.graphics.Color)	4287398806 (0xFF8C8396)
YUV	135.8570, 6.9725, 3.6334
Hunter-Lab	48.9003, 3.2699, -4.6635

Details

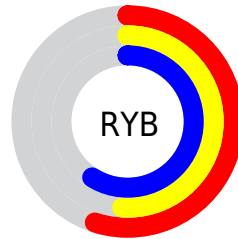
The CIELCh color $56, 11.460, 308.712$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $61, 11.253, 127.586$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $76, 11.413, 309.496$, and $36, 11.100, 308.793$ is the 20% darker color. If you saturate the color by 10%, you get $51, 20.780, 309.218$, and if you desaturate by 10%, it is $61, 2.393, 308.221$.

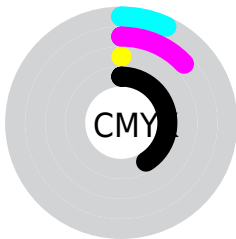
Distribution



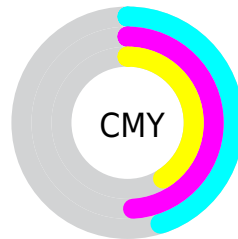
- Red (55%)
- Green (51%)
- Blue (59%)



- Red (55%)
- Yellow (51%)
- Blue (59%)



- Cyan (7%)
- Magenta (13%)
- Yellow (0%)
- Black (41%)





- Cyan (45%)
- Magenta (49%)
- Yellow (41%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 56, 11.460, 308.712 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, 11.460, 308.712 by changing the saturation by 10% instead.


 56, 11.460,
308.712


 56, 11.460,
308.712


 100, 11.460,
308.712


 46, 11.460,
308.712


 76, 11.460,
308.712

 36, 11.460,
308.712

 86, 11.460,
308.712

 26, 11.460,
308.712

 96, 11.460,
308.712

 16, 11.460,
308.712

 6, 11.460, 308.712

 0, 11.460, 308.712

56, 11.460,
308.712

56, 11.460,
308.712

51, 20.780,
309.218

61, 2.393, 308.221

47, 30.319,
309.759

65, 6.401, 127.857

42, 39.996,
310.320

70, 14.924,
127.480

38, 49.665,
310.873

75, 23.182,
127.152

33, 59.070,
311.374

79, 31.185,
126.865

30, 67.809,
311.750

84, 38.945,
126.615

26, 75.311,
311.906

89, 46.477,
126.399

24, 80.914,

93, 53.792,
126.213

311.726

95, 55.202,
124.202

22, 84.212,
311.499

Harmonies

Complementary

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



56, 11.460, 308.712



61, 11.253, 127.586

Rectangle

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



56, 11.460, 308.712



56, 11.460, 358.712



56, 11.460, 128.712



56, 11.460, 178.712

Sweetspot

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



56, 11.458, 308.710



76, 4.409, 308.295



58, 6.229, 253.368



39, 3.127, 308.329



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



56, 11.458, 308.710



70, 16.786, 308.839



57, 12.987, 324.185



29, 5.028, 308.541



20, 79.155, 311.584



0, 4.343, 308.139

Inverse Universe

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



57, 9.427, 343.243



71, 13.795, 343.475



60, 12.962, 142.855



29, 4.141, 342.938



29, 54.036, 358.480



1, 3.585, 342.253

Previews

White Background



This preview shows how the CIELCh color 56, 11.460, 308.712 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, 11.460, 308.712 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

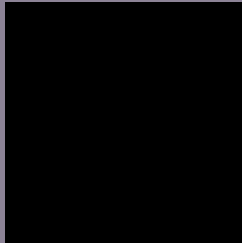
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 56, 11.460, 308.712

Background



This preview shows how black text looks on a background with the CIELCh color 56, 11.460, 308.712.



This preview shows how white text looks on a background with the CIELCh color 56, 11.460, 308.712.

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, 11.460, 308.712

Protanopia

56, 10.314, 289.337

Deuteranopia

56, 11.460, 308.712



Tritanopia
56, 6.371, 315.995

Trichromacy



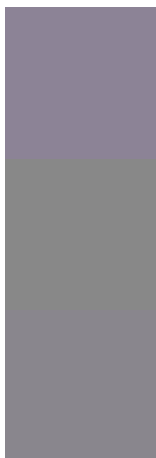
Original Color
56, 11.460, 308.712

Protanomaly
56, 10.973, 297.333

Deuteranomaly
56, 11.460, 308.712

Tritanomaly
56, 7.954, 310.764

Monochromacy



Original Color
56, 11.460, 308.712

Achromatopsia
57, 0.007, 296.813

Achromatomaly
56, 4.189, 306.746

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 11.460, 308.712 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(140, 131, 150)` looks like.

```
.text, #text, p{  
    color:rgb(140, 131, 150)  
}
```

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(140, 131, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 131, 150) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 11.460, 308.712 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(140, 131, 150) }
```

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

```
.border{ border-color:rgb(140, 131, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 131, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 131, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 131, 150);  
box-shadow:4px 4px 4px 4px rgb(140, 131,  
150) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 11.460, 308.712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 131, 150) }
```

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

```
.background{ background-color: rgb(140,  
131, 150) }
```

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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