

Converting Colors

CIELCh(56, 18.403, 233.674)

Have a look what the booklet for
CIELCh(56, 18.403, 233.674)
contains.

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Color

CIELCh(56, 18.295, 232.756)

Conversions

Conversions Part 1

Format	Color
Hex	5E8D9F
RGB	94, 141, 159
RGB Percent	37%, 55%, 62%
CMY	0.6316, 0.4473, 0.3767
CMYK	0.41, 0.11, 0.00, 0.38
HSL	197°, 26%, 50%
HSV	197°, 41%, 62%
XYZ	20.3812, 23.9124, 36.3177
YIQ	128.9990, -33.7900, -4.3660

Conversions

Conversions Part 2

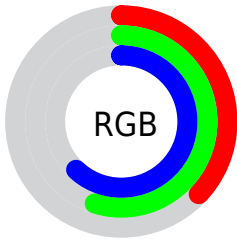
Format	Color
R_{YB}	94, 121, 159
Decimal	6196639
CIE _{Lab}	56.00, -11.07, -14.56
CIE _{LCh}	56, 18.295, 232.756
Yxy	23.9124, 0.2528, 0.2966
Android (android.graphics.Color)	4284386719 (0xFF5E8D9F)
YUV	128.9990, 14.7905, -30.6941
Hunter-Lab	48.9003, -11.1786, -9.8037

Details

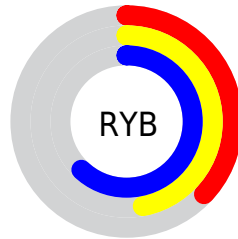
The CIELCh color `56, 18.295, 232.756` is a dark color, and the websafe version is hex `669999`. A complement of this color would be `52, 23.828, 46.983`, and the grayscale version is `54, 0.007, 296.813`.

A 20% lighter version of the original color is `76, 18.401, 232.434`, and `36, 18.380, 233.178` is the 20% darker color. If you saturate the color by 10%, you get `54, 21.880, 234.517`, and if you desaturate by 10%, it is `58, 14.299, 231.370`.

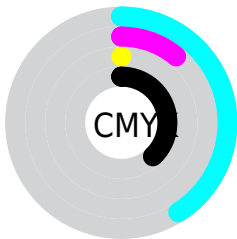
Distribution



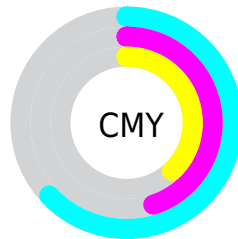
- Red (37%)
- Green (55%)
- Blue (62%)



- Red (37%)
- Yellow (47%)
- Blue (62%)



- Cyan (41%)
- Magenta (11%)
- Yellow (0%)
- Black (38%)





- Cyan (63%)
- Magenta (45%)
- Yellow (38%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 56, 18.295, 232.756 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, 18.295, 232.756 by changing the saturation by 10% instead.


 56, 18.295,
232.756


 56, 18.295,
232.756


 100, 18.295,
232.756


 46, 18.295,
232.756


 76, 18.295,
232.756

 36, 18.295,
232.756

 86, 18.295,
232.756

 26, 18.295,
232.756

 96, 18.295,
232.756

 16, 18.295,
232.756

 6, 18.295, 232.756

 0, 18.295, 232.756

■ 56, 18.295,
232.756

■ 56, 18.295,
232.756

■ 54, 21.880,
234.517

■ 58, 14.299,
231.370

■ 52, 25.007,
236.742

■ 60, 9.953, 230.296

■ 63, 5.316, 229.488

■ 50, 27.654,
239.518

■ 65, 0.447, 229.725

■ 48, 29.836,
242.922

■ 68, 4.604, 48.151

■ 47, 31.621,
246.995

■ 70, 9.792, 47.813

■ 73, 15.079, 47.534

■ 45, 33.089,
251.064

■ 75, 20.436, 47.319

■ 78, 25.837, 47.158

Harmonies

Complementary

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



56, 18.295, 232.756



52, 23.828, 46.983

Rectangle

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



56, 18.295, 232.756



56, 18.295, 282.756



56, 18.295, 52.756



56, 18.295, 102.756

Sweetspot

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



56, 18.295, 232.753



79, 7.228, 229.580



60, 36.524, 149.537



42, 4.819, 229.668



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, 18.295, 232.753



69, 26.183, 234.329



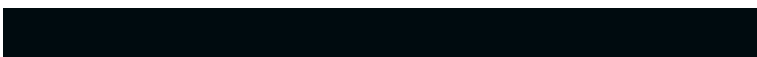
47, 29.719, 284.644



32, 2.758, 229.382



41, 30.492, 250.570



2, 3.664, 233.103

Inverse Universe

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



49, 36.556, 336.278



59, 53.494, 337.033



60, 28.587, 93.446



31, 5.029, 333.938



31, 61.085, 342.819



1, 6.368, 334.787

Previews

White Background



This preview shows how the CIELCh color 56, 18.295, 232.756 looks on a white background.

Color Contrast Check

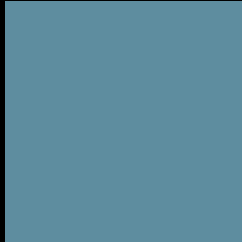
Large Text (above 18pt) WCAG AA ✓ Pass

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, 18.295, 232.756 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

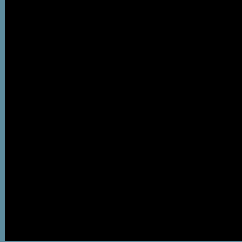
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 56, 18.295, 232.756

Background



This preview shows how black text looks on a background with the CIELCh color 56, 18.295, 232.756.



This preview shows how white text looks on a background with the CIELCh color 56, 18.295, 232.756.

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, 18.295, 232.756

Protanopia

56, 11.491, 286.024

Deuteranopia

56, 17.243, 294.598



Tritanopia
56, 17.739, 218.922

Trichromacy



Original Color
56, 18.295, 232.756

Protanomaly
56, 12.625, 258.988

Deuteranomaly
56, 15.211, 270.123

Tritanomaly
56, 17.757, 222.999

Monochromacy



Original Color
56, 18.295, 232.756

Achromatopsia
54, 0.007, 296.813

Achromatomaly
54, 7.427, 231.883

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 18.295, 232.756 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(94, 141, 159)` looks like.

```
.text, #text, p{  
    color:rgb(94, 141, 159)  
}
```

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(94, 141, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 141, 159) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 18.295, 232.756 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(94, 141, 159) }
```

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

```
.border{ border-color:rgb(94, 141, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 141, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 141, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 141, 159);  
box-shadow:4px 4px 4px 4px rgb(94, 141,  
159) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 18.295, 232.756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 141, 159) }
```

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

```
.background{ background-color: rgb(94, 141,  
159) }
```

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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