

Converting Colors

CIELCh(56, 13.840, 247.697)

Have a look what the booklet for
CIELCh(56, 13.840, 247.697)
contains.

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Color

CIELCh(56, 13.729, 247.731)

Conversions

Conversions Part 1

Format	Color
Hex	6F8A9C
RGB	111, 138, 156
RGB Percent	44%, 54%, 61%
CMY	0.5651, 0.4593, 0.3887
CMYK	0.29, 0.12, 0.00, 0.39
HSL	204°, 18%, 52%
HSV	204°, 29%, 61%
XYZ	21.6040, 23.9124, 34.8769
YIQ	131.9790, -21.8700, -0.1260

Conversions

Conversions Part 2

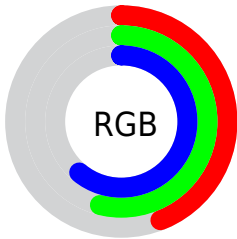
Format	Color
R_{YB}	111, 128, 156
Decimal	7309980
CIE _{Lab}	56.00, -5.20, -12.71
CIE _{LCh}	56, 13.729, 247.731
Yxy	23.9124, 0.2687, 0.2974
Android (android.graphics.Color)	4285500060 (0xFF6F8A9C)
YUV	131.9790, 11.8424, -18.3986
Hunter-Lab	48.9003, -6.7147, -8.0568

Details

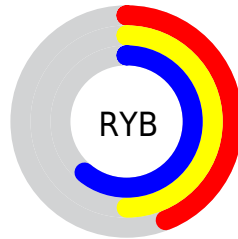
The CIELCh color $56, 13.729, 247.731$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $56, 15.584, 61.040$, and the grayscale version is $55, 0.007, 296.813$.

A 20% lighter version of the original color is $76, 13.911, 249.954$, and $36, 13.759, 249.119$ is the 20% darker color. If you saturate the color by 10%, you get $53, 18.133, 249.621$, and if you desaturate by 10%, it is $59, 9.121, 246.176$.

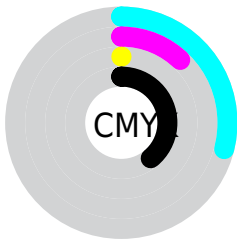
Distribution



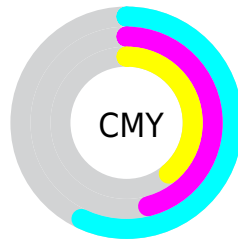
- Red (44%)
- Green (54%)
- Blue (61%)



- Red (44%)
- Yellow (50%)
- Blue (61%)



- Cyan (29%)
- Magenta (12%)
- Yellow (0%)
- Black (39%)





- Cyan (57%)
- Magenta (46%)
- Yellow (39%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 56, 13.729, 247.731 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, 13.729, 247.731 by changing the saturation by 10% instead.


 56, 13.729,
247.731


 56, 13.729,
247.731


 100, 13.729,
247.731


 46, 13.729,
247.731


 76, 13.729,
247.731

 36, 13.729,
247.731

 86, 13.729,
247.731

 26, 13.729,
247.731

 96, 13.729,
247.731

 16, 13.729,
247.731

 6, 13.729, 247.731

 0, 13.729, 247.731

■ 56, 13.729,
247.731

■ 56, 13.729,
247.731

■ 53, 18.133,
249.621

■ 59, 9.121, 246.176

■ 51, 22.303,
251.924

■ 62, 4.347, 244.929

■ 65, 0.558, 63.112

■ 48, 26.219,
254.708

■ 68, 5.561, 62.816

■ 45, 29.885,
258.034

■ 71, 10.635, 62.099

■ 74, 15.754, 61.478

■ 43, 33.336,
261.935

■ 77, 20.900, 60.946

■ 41, 36.651,
266.381

■ 80, 26.055, 60.487

■ 83, 31.206, 60.090

■ 39, 39.975,
271.112

■ 38, 40.368,

271.620

Harmonies

Complementary

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



56, 13.729, 247.731



56, 15.584, 61.040

Rectangle

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



56, 13.729, 247.731



56, 13.729, 297.731



56, 13.729, 67.731



56, 13.729, 117.731

Sweetspot

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



56, 13.728, 247.727



78, 5.437, 244.962



60, 23.354, 155.471



41, 3.801, 245.115



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



56, 13.728, 247.727



69, 20.255, 248.974



50, 23.305, 288.685



32, 2.804, 244.972



35, 37.637, 271.201



2, 3.761, 247.593

Inverse Universe

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



52, 23.523, 340.928



63, 35.125, 341.570



62, 22.172, 101.938



31, 4.607, 339.272



31, 56.961, 352.195



1, 5.845, 340.102

Previews

White Background



This preview shows how the CIELCh color 56, 13.729, 247.731 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, 13.729, 247.731 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

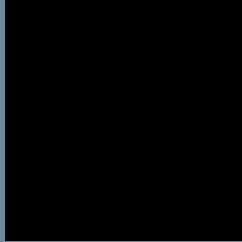
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

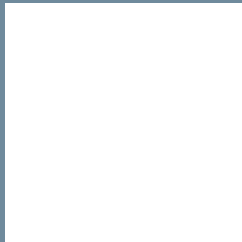
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 56, 13.729, 247.731

Background



This preview shows how black text looks on a background with the CIELCh color 56, 13.729, 247.731.



This preview shows how white text looks on a background with the CIELCh color 56, 13.729, 247.731.

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, 13.729, 247.731

Protanopia

56, 11.469, 287.850

Deuteranopia

56, 15.062, 298.930



Tritanopia
56, 11.931, 230.610

Trichromacy



Original Color
56, 13.729, 247.731

Protanomaly
56, 11.481, 271.107

Deuteranomaly
56, 13.346, 280.803

Tritanomaly
56, 12.476, 235.436

Monochromacy



Original Color
56, 13.729, 247.731

Achromatopsia
55, 0.007, 296.813

Achromatomaly
55, 5.455, 246.739

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 13.729, 247.731 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(111, 138, 156)` looks like.

```
.text, #text, p{  
    color:rgb(111, 138, 156)  
}
```

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(111, 138, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 138, 156) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 13.729, 247.731 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(111, 138, 156) }
```

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

```
.border{ border-color:rgb(111, 138, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 138, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 138, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 138, 156);  
box-shadow:4px 4px 4px 4px rgb(111, 138,  
156) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 13.729, 247.731 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 138, 156) }
```

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

```
.background{ background-color: rgb(111,  
138, 156) }
```

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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