

Converting Colors

CIELCh(56, 21.280, 296.448)

Have a look what the booklet for
CIELCh(56, 21.280, 296.448)
contains.

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Color

CIELCh(56, 21.310, 296.462)

Conversions

Conversions Part 1

Format	Color
Hex	8682A7
RGB	134, 130, 167
RGB Percent	53%, 51%, 65%
CMY	0.4736, 0.4893, 0.3442
CMYK	0.20, 0.22, 0.00, 0.34
HSL	246°, 17%, 58%
HSV	246°, 22%, 66%
XYZ	24.8788, 23.9124, 39.9796
YIQ	135.4140, -9.4930, 12.3550

Conversions

Conversions Part 2

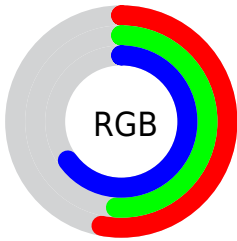
Format	Color
R_{YB}	134, 130, 167
Decimal	8815271
CIE Lab	56.00, 9.50, -19.08
CIE LCh	56, 21.310, 296.462
Yxy	23.9124, 0.2803, 0.2694
Android (android.graphics.Color)	4287005351 (0xFF8682A7)
YUV	135.4140, 15.5719, -1.2401
Hunter-Lab	48.9003, 5.2391, -14.2437

Details

The CIELCh color $56, 21.310, 296.462$ is a dark color, and the websafe version is hex $9999CC$. A complement of this color would be $67, 20.275, 112.678$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $76, 21.146, 296.742$, and $36, 21.210, 296.520$ is the 20% darker color. If you saturate the color by 10%, you get $50, 31.564, 297.623$, and if you desaturate by 10%, it is $62, 11.453, 295.458$.

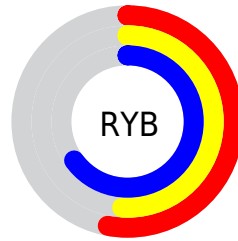
Distribution



Red (53%)

Green (51%)

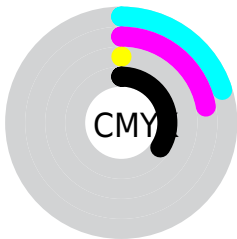
Blue (65%)



Red (53%)

Yellow (51%)

Blue (65%)

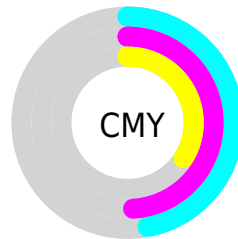


Cyan (20%)

Magenta (22%)

Yellow (0%)

Black (34%)



Cyan (47%)


Magenta (49%)


Yellow (34%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 56, 21.310, 296.462 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, 21.310, 296.462 by changing the saturation by 10% instead.


 56, 21.310,
296.462


 56, 21.310,
296.462


 100, 21.310,
296.462


 46, 21.310,
296.462


 76, 21.310,
296.462

 36, 21.310,
296.462

 86, 21.310,
296.462

 26, 21.310,
296.462

 96, 21.310,
296.462

 16, 21.310,
296.462

 6, 21.310, 296.462

 0, 21.310, 296.462

■ 56, 21.310,
296.462

■ 56, 21.310,
296.462

■ 50, 31.564,
297.623

■ 62, 11.453,
295.458

■ 45, 42.219,
298.955

■ 67, 1.979, 294.604

■ 39, 53.222,
300.447

■ 73, 7.138, 113.851

■ 34, 64.404,
302.058

■ 79, 15.921,
113.218

■ 29, 75.351,
303.682

■ 84, 24.393,
112.674

■ 25, 85.227,
305.129

■ 90, 32.576,
112.206

■ 21, 92.741,
306.135

■ 95, 40.489,
111.803

■ 20, 96.945,

■ 98, 43.877,
107.563

306.686

 98, 43.872,
106.826

Harmonies

Complementary

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



56, 21.310, 296.462



67, 20.275, 112.678

Rectangle

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



56, 21.310, 296.462



56, 21.310, 346.462



56, 21.310, 116.462



56, 21.310, 166.462

Sweetspot

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



56, 21.309, 296.461



82, 8.087, 295.011



65, 11.974, 208.391



43, 5.302, 295.059



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



56, 21.309, 296.461



68, 32.453, 297.063



58, 22.710, 313.424



33, 5.342, 295.200



17, 88.514, 306.733



1, 9.587, 293.836

Inverse Universe

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



59, 23.336, 328.784



72, 35.152, 329.100



66, 22.194, 131.521



33, 5.969, 328.024



34, 70.836, 332.973



2, 10.541, 328.741

Previews

White Background



This preview shows how the CIELCh color 56, 21.310, 296.462 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, 21.310, 296.462 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, 21.310, 296.462

Background



This preview shows how black text looks on a background with the CIELCh color 56, 21.310, 296.462.



This preview shows how white text looks on a background with the CIELCh color 56, 21.310, 296.462.

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

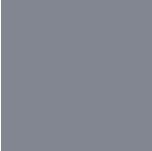
56, 21.310, 296.462

Protanopia

56, 20.720, 284.924

Deuteranopia

56, 20.645, 291.625



Tritanopia
56, 6.450, 277.386

Trichromacy



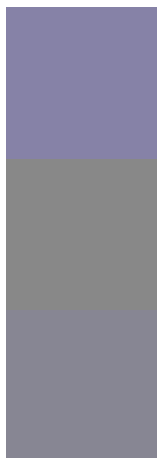
Original Color
56, 21.310, 296.462

Protanomaly
56, 20.642, 288.720

Deuteranomaly
56, 20.655, 293.569

Tritanomaly
56, 11.458, 289.688

Monochromacy



Original Color
56, 21.310, 296.462

Achromatopsia
57, 0.007, 296.813

Achromatomaly
56, 7.457, 293.973

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 21.310, 296.462 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(134, 130, 167)` looks like.

```
.text, #text, p{  
    color:rgb(134, 130, 167)  
}
```

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(134, 130, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 130, 167) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 21.310, 296.462 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(134, 130, 167) }
```

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

```
.border{ border-color:rgb(134, 130, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 130, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 130, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 130, 167);  
box-shadow:4px 4px 4px 4px rgb(134, 130,  
167) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 21.310, 296.462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 130, 167) }
```

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

```
.background{ background-color: rgb(134,  
130, 167) }
```

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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