

Converting Colors

CIELCh(63, 16.066, 269.090)

Have a look what the booklet for
CIELCh(63, 16.066, 269.090)
contains.

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Color

CIELCh(63, 16.135, 269.155)

Conversions

Conversions Part 1

Format	Color
Hex	889AB5
RGB	136, 154, 181
RGB Percent	53%, 60%, 71%
CMY	0.4675, 0.3969, 0.2910
CMYK	0.25, 0.15, 0.00, 0.29
HSL	216°, 23%, 62%
HSV	216°, 25%, 71%
XYZ	29.9595, 31.5869, 48.1186
YIQ	151.6960, -19.3950, 4.5810

Conversions

Conversions Part 2

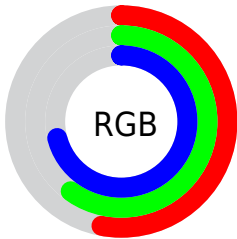
Format	Color
R _Y B	136, 149, 181
Decimal	8952501
CIE _{Lab}	63.00, -0.24, -16.13
CIE _{LCh}	63, 16.135, 269.155
Y _{xy}	31.5869, 0.2732, 0.2880
Android (android.graphics.Color)	4287142581 (0xFF889AB5)
Y _{UV}	151.6960, 14.4469, -13.7654
Hunter-Lab	56.2022, -3.2016, -11.4207

Details

The CIELCh color $63, 16.135, 269.155$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $68, 16.583, 82.208$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 16.306, 269.858$, and $43, 16.102, 268.936$ is the 20% darker color. If you saturate the color by 10%, you get $59, 22.680, 271.109$, and if you desaturate by 10%, it is $67, 9.623, 267.490$.

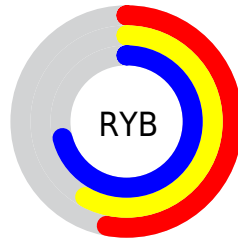
Distribution



Red (53%)

Green (60%)

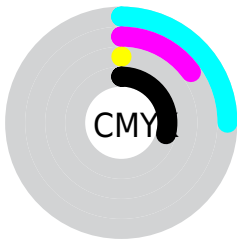
Blue (71%)



Red (53%)

Yellow (58%)

Blue (71%)

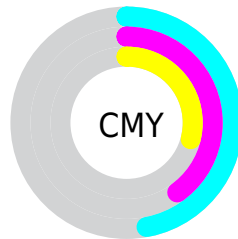


Cyan (25%)

Magenta (15%)

Yellow (0%)

Black (29%)



Cyan (47%)


Magenta (40%)


Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 16.135, 269.155 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 63, 16.135, 269.155 by changing the saturation by 10% instead.


 63, 16.135,
269.155


 63, 16.135,
269.155


 100, 16.135,
269.155


 53, 16.135,
269.155


 83, 16.135,
269.155

 43, 16.135,
269.155

 93, 16.135,
269.155

 33, 16.135,
269.155

 23, 16.135,
269.155

 13, 16.135,
269.155

 3, 16.135, 269.155

 0, 16.135, 269.155

63, 16.135,
269.155

63, 16.135,
269.155

59, 22.680,
271.109

67, 9.623, 267.490

55, 29.264,
273.406

72, 3.153, 266.118

76, 3.270, 84.722

50, 35.898,
276.086

80, 9.636, 83.714

47, 42.613,
279.174

84, 15.937, 82.801

89, 22.167, 81.997

43, 49.452,
282.658

92, 27.078, 86.737

39, 56.460,
286.462

95, 30.945, 97.311

36, 63.643,
290.428

98, 35.600,
105.201

34, 67.381,

Harmonies

Complementary

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



63, 16.135, 269.155



68, 16.583, 82.208

Rectangle

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



63, 16.135, 269.155



63, 16.135, 319.155



63, 16.135, 89.155



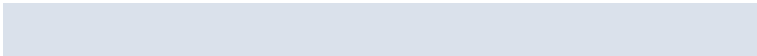
63, 16.135, 139.155

Sweetspot

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



63, 16.134, 269.152



89, 5.582, 266.391



70, 19.512, 166.084



47, 3.624, 266.467



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



63, 16.134, 269.152



77, 24.075, 270.212



58, 25.658, 295.926



36, 3.618, 266.683



29, 58.752, 291.795



3, 9.589, 273.028

Inverse Universe

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



61, 20.230, 351.851



75, 30.291, 352.533



72, 24.224, 111.388



35, 4.462, 350.190



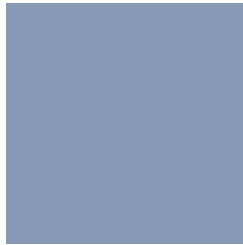
32, 57.839, 10.821



2, 10.088, 355.339

Previews

White Background



This preview shows how the CIELCh color 63, 16.135, 269.155 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 63, 16.135, 269.155 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 ✓ Pass

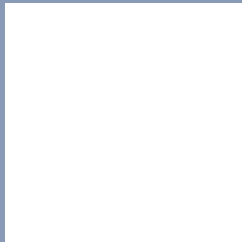
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 63, 16.135, 269.155

Background



This preview shows how black text looks on a background with the CIELCh color 63, 16.135, 269.155.



This preview shows how white text looks on a background with the CIELCh color 63, 16.135, 269.155.

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

63, 16.135, 269.155

Protanopia

63, 15.706, 286.698

Deuteranopia

63, 18.547, 295.433



Tritanopia
63, 10.437, 239.070

Trichromacy



Original Color
63, 16.135, 269.155

Protanomaly
63, 15.898, 280.426

Deuteranomaly
63, 17.398, 286.270

Tritanomaly
63, 12.298, 254.294

Monochromacy



Original Color
63, 16.135, 269.155

Achromatopsia
62, 0.008, 296.813

Achromatomaly
63, 6.122, 265.759

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 16.135, 269.155 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(136, 154, 181)` looks like.

```
.text, #text, p{  
    color:rgb(136, 154, 181)  
}
```

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(136, 154, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 154, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 16.135, 269.155 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(136, 154, 181) }
```

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

```
.border{ border-color:rgb(136, 154, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 154, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 154, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 154, 181);  
box-shadow:4px 4px 4px 4px rgb(136, 154,  
181) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 16.135, 269.155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 154, 181) }
```

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

```
.background{ background-color: rgb(136,  
154, 181) }
```

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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