

Converting Colors

CIELCh(63, 19.511, 268.387)

Have a look what the booklet for
CIELCh(63, 19.511, 268.387)
contains.

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Color

CIELCh(63, 19.737, 269.146)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 839ABB |
| RGB | 131, 154, 187 |
| RGB Percent | 51%, 60%, 73% |
| CMY | 0.4857, 0.3955, 0.2661 |
| CMYK | 0.30, 0.18, 0.00, 0.27 |
| HSL | 215°, 29%, 62% |
| HSV | 215°, 30%, 73% |
| XYZ | 29.9447, 31.5869, 51.6127 |
| YIQ | 150.8850, -24.3010, 5.3870 |

Conversions

Conversions Part 2

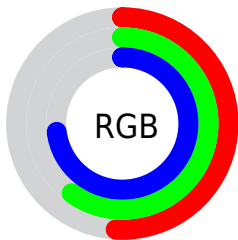
| Format | Color |
|-------------------------------------|--|
| RYB | 131, 147, 187 |
| Decimal | 8624827 |
| CIELab | 63.00, -0.29, -19.73 |
| CIElCh | 63, 19.737, 269.146 |
| Yxy | 31.5869, 0.2647, 0.2792 |
| Android (android.graphics.Color) | 4286814907 (0xFF839ABB) |
| YUV | 150.8850, 17.8047, -17.4391 |
| Hunter-Lab | 56.2022, -3.2487, -15.1068 |

Details

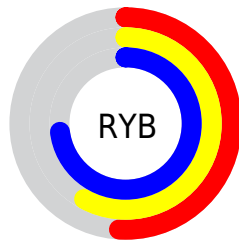
The CIELCh color $63, 19.737, 269.146$ is a light color, and the websafe version is hex `6699CC`. A complement of this color would be $69, 20.508, 80.549$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 19.753, 269.368$, and $43, 19.887, 269.698$ is the 20% darker color. If you saturate the color by 10%, you get $59, 26.379, 271.283$, and if you desaturate by 10%, it is $67, 13.115, 267.327$.

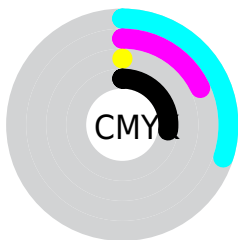
Distribution



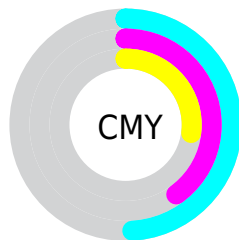
- Red (51%)
- Green (60%)
- Blue (73%)



- Red (51%)
- Yellow (58%)
- Blue (73%)



- Cyan (30%)
- Magenta (18%)
- Yellow (0%)
- Black (27%)





- Cyan (49%)
- Magenta (40%)
- Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 19.737, 269.146 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, 19.737, 269.146 by changing the saturation by 10% instead.


 63, 19.737,
269.146


 63, 19.737,
269.146


 100, 19.737,
269.146


 53, 19.737,
269.146


 83, 19.737,
269.146

 43, 19.737,
269.146

 93, 19.737,
269.146

 33, 19.737,
269.146

 23, 19.737,
269.146

 13, 19.737,
269.146

 3, 19.737, 269.146

 0, 19.737, 269.146

63, 19.737,
269.146

63, 19.737,
269.146

59, 26.379,
271.283

67, 13.115,
267.327

55, 33.049,
273.791

72, 6.520, 265.794

76, 0.041, 77.504

50, 39.768,
276.707

80, 6.557, 83.232

46, 46.574,
280.040

85, 13.019, 82.262

43, 53.519,
283.750

89, 19.418, 81.404

93, 24.526, 86.410

39, 60.643,
287.722

95, 28.516, 98.131

36, 67.947,
291.664

98, 33.370,
106.570

36, 68.002,

291.691

Harmonies

Complementary

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



63, 19.737, 269.146



69, 20.508, 80.549

Rectangle

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



63, 19.737, 269.146



63, 19.737, 319.146



63, 19.737, 89.146



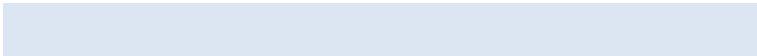
63, 19.737, 139.146

Sweetspot

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



63, 19.736, 269.144



91, 7.290, 265.687



72, 24.010, 165.529



48, 5.108, 265.890



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



63, 19.736, 269.144



76, 29.316, 270.529



57, 32.067, 296.560



38, 3.748, 265.716



30, 59.216, 291.143



3, 12.591, 274.722

Inverse Universe

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



61, 25.275, 351.791



74, 37.624, 352.661



74, 29.866, 110.963



37, 4.702, 349.543



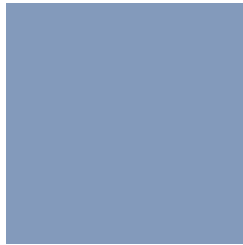
33, 59.179, 9.957



3, 13.351, 356.745

Previews

White Background



This preview shows how the CIELCh color 63, 19.737, 269.146 looks on a white background.

Color Contrast Check

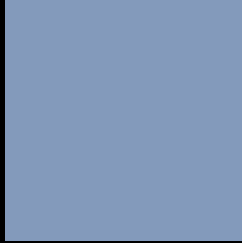
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 63, 19.737, 269.146 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

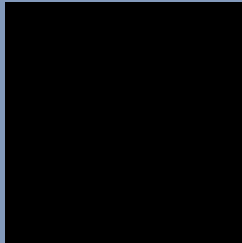
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

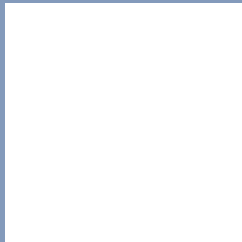
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 63, 19.737, 269.146

Background



This preview shows how black text looks on a background with the CIELCh color 63, 19.737, 269.146.



This preview shows how white text looks on a background with the CIELCh color 63, 19.737, 269.146.

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, 19.737, 269.146

Protanopia

63, 19.089, 285.970

Deuteranopia

63, 21.854, 292.512



Tritanopia
63, 12.574, 234.195

Trichromacy



Original Color
63, 19.737, 269.146

Protanomaly
63, 19.340, 279.960

Deuteranomaly
63, 20.813, 284.844

Tritanomaly
63, 14.306, 250.646

Monochromacy



Original Color
63, 19.737, 269.146

Achromatopsia
62, 0.008, 296.813

Achromatomaly
63, 7.276, 267.084

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 19.737, 269.146 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(131, 154, 187)` looks like.

```
.text, #text, p{  
    color:rgb(131, 154, 187)  
}
```

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(131, 154, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 154, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 19.737, 269.146 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(131, 154, 187) }
```

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

```
.border{ border-color:rgb(131, 154, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 154, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 154, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 154, 187);  
box-shadow:4px 4px 4px 4px rgb(131, 154,  
187) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 19.737, 269.146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 154, 187) }
```

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

```
.background{ background-color: rgb(131,  
154, 187) }
```

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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