

Converting Colors

CIELCh(63, 14.853, 256.092)

Have a look what the booklet for
CIELCh(63, 14.853, 256.092)
contains.

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Color

CIELCh(63, 15.049, 258.187)

Conversions

Conversions Part 1

Format	Color
Hex	839BB2
RGB	131, 155, 178
RGB Percent	51%, 61%, 70%
CMY	0.4854, 0.3912, 0.3010
CMYK	0.26, 0.13, 0.00, 0.30
HSL	209°, 23%, 61%
HSV	209°, 26%, 70%
XYZ	29.2149, 31.5869, 46.8014
YIQ	150.4460, -21.6870, 2.0650

Conversions

Conversions Part 2

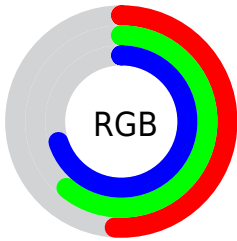
Format	Color
R_{YB}	131, 147, 178
Decimal	8625074
CIE _{Lab}	63.00, -3.08, -14.73
CIE _{LCh}	63, 15.049, 258.187
Yxy	31.5869, 0.2715, 0.2936
Android (android.graphics.Color)	4286815154 (0xFF839BB2)
YUV	150.4460, 13.5841, -17.0541
Hunter-Lab	56.2022, -5.5665, -10.0311

Details

The CIELCh color `63, 15.049, 258.187` is a light color, and the websafe version is hex `999999`. A complement of this color would be `65, 16.230, 71.063`, and the grayscale version is `62, 0.008, 296.813`.

A 20% lighter version of the original color is `83, 15.247, 259.595`, and `43, 14.925, 257.239` is the 20% darker color. If you saturate the color by 10%, you get `59, 20.583, 260.189`, and if you desaturate by 10%, it is `67, 9.408, 256.507`.

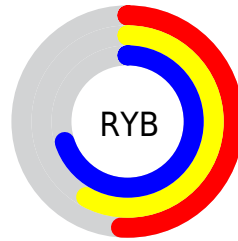
Distribution



Red (51%)

Green (61%)

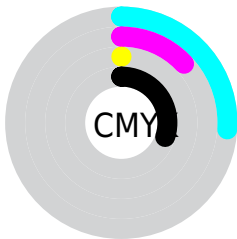
Blue (70%)



Red (51%)

Yellow (58%)

Blue (70%)

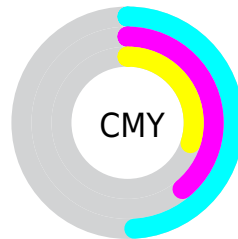


Cyan (26%)

Magenta (13%)

Yellow (0%)

Black (30%)



Cyan (49%)

Magenta (39%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 15.049, 258.187 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, 15.049, 258.187 by changing the saturation by 10% instead.

■ 63, 15.049,
258.187

■ 63, 15.049,
258.187

■ 100, 15.049,
258.187

■ 53, 15.049,
258.187

■ 83, 15.049,
258.187

■ 43, 15.049,
258.187

■ 93, 15.049,
258.187

■ 33, 15.049,
258.187

■ 23, 15.049,
258.187

■ 13, 15.049,
258.187

■ 3, 15.049, 258.187

■ 0, 15.049, 258.187

63, 15.049,
258.187

63, 15.049,
258.187

59, 20.583,
260.189

67, 9.408, 256.507

56, 25.995,
262.580

70, 3.685, 255.141

74, 2.095, 73.677

52, 31.279,
265.413

78, 7.910, 72.771

49, 36.453,
268.733

81, 13.739, 71.908

46, 41.565,
272.545

85, 19.565, 71.153

43, 46.693,
276.794

89, 25.122, 71.193

40, 51.934,
281.315

91, 26.945, 82.283

39, 53.896,

93, 29.641, 91.582

Harmonies

Complementary

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



63, 15.049, 258.187



65, 16.230, 71.063

Rectangle

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



63, 15.049, 258.187



63, 15.049, 308.187



63, 15.049, 78.187



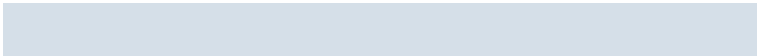
63, 15.049, 128.187

Sweetspot

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



63, 15.048, 258.183



88, 5.726, 255.354



69, 22.042, 160.428



47, 4.098, 255.547



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, 15.048, 258.183



78, 22.514, 259.380



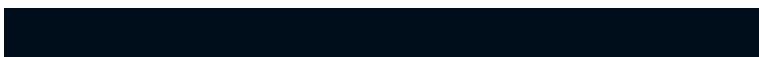
57, 26.436, 292.644



36, 3.272, 255.506



33, 47.596, 282.276



3, 8.720, 265.209

Inverse Universe

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



60, 22.623, 345.419



73, 34.084, 346.080



71, 24.899, 106.953



35, 4.790, 343.798



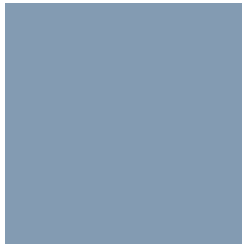
33, 58.070, 0.328



2, 10.670, 349.269

Previews

White Background



This preview shows how the CIELCh color 63, 15.049, 258.187 looks on a white background.

Color Contrast Check

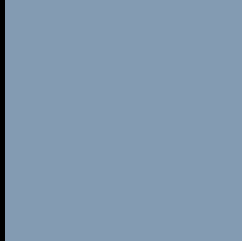
Large Text (above 18pt) WCAG AA × Fail

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, 15.049, 258.187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

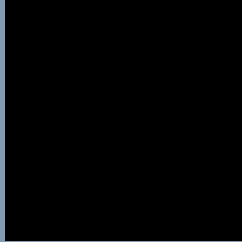
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

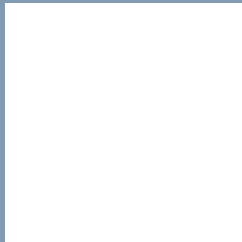
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 63, 15.049, 258.187

Background



This preview shows how black text looks on a background with the CIELCh color 63, 15.049, 258.187.



This preview shows how white text looks on a background with the CIELCh color 63, 15.049, 258.187.

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, 15.049, 258.187

Protanopia

63, 13.458, 287.048

Deuteranopia

63, 17.497, 297.881



Tritanopia
63, 11.758, 233.689

Trichromacy



Original Color
63, 15.049, 258.187

Protanomaly
63, 13.338, 274.590

Deuteranomaly
63, 15.734, 285.426

Tritanomaly
63, 12.552, 244.578

Monochromacy



Original Color
63, 15.049, 258.187

Achromatopsia
62, 0.008, 296.813

Achromatomaly
63, 5.527, 253.544

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 15.049, 258.187 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, 155, 178)` looks like.

```
.text, #text, p{  
    color:rgb(131, 155, 178)  
}
```

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, 155, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 155, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 15.049, 258.187 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, 155, 178) }
```

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

```
.border{ border-color:rgb(131, 155, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 155, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 155, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 155, 178);  
box-shadow:4px 4px 4px 4px rgb(131, 155,  
178) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 15.049, 258.187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 155, 178) }
```

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

```
.background{ background-color: rgb(131,  
155, 178) }
```

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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