

Converting Colors

CIELCh(63, 17.897, 261.467)

Have a look what the booklet for
CIELCh(63, 17.897, 261.467)
contains.

CIELCh(63, 17.815, 261.084)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(63, 17.815, 261.084)

Conversions

Conversions Part 1

Format	Color
Hex	809BB7
RGB	128, 155, 183
RGB Percent	50%, 61%, 72%
CMY	0.4969, 0.3910, 0.2811
CMYK	0.30, 0.15, 0.00, 0.28
HSL	211°, 28%, 61%
HSV	211°, 30%, 72%
XYZ	29.2980, 31.5869, 49.5217
YIQ	150.1190, -25.0800, 2.9840

Conversions

Conversions Part 2

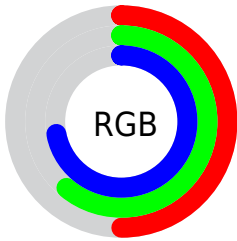
Format	Color
R_{YB}	128, 146, 183
Decimal	8428471
CIE _{Lab}	63.00, -2.76, -17.60
CIE _{LCh}	63, 17.815, 261.084
Yxy	31.5869, 0.2654, 0.2861
Android (android.graphics.Color)	4286618551 (0xFF809BB7)
YUV	150.1190, 16.2103, -19.3984
Hunter-Lab	56.2022, -5.3025, -12.9008

Details

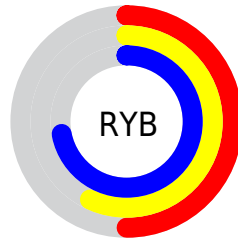
The CIELCh color **63, 17.815, 261.084** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **66, 19.246, 72.673**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **83, 17.921, 261.837**, and **43, 17.797, 261.073** is the 20% darker color. If you saturate the color by 10%, you get **59, 23.597, 263.238**, and if you desaturate by 10%, it is **67, 11.943, 259.270**.

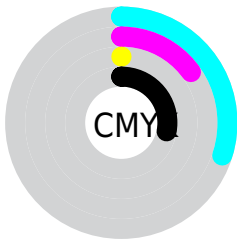
Distribution



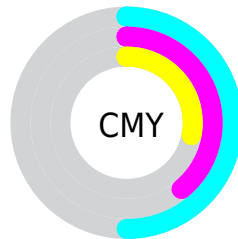
- Red (50%)
- Green (61%)
- Blue (72%)



- Red (50%)
- Yellow (57%)
- Blue (72%)



- Cyan (30%)
- Magenta (15%)
- Yellow (0%)
- Black (28%)





- Cyan (50%)
- Magenta (39%)
- Yellow (28%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 17.815, 261.084 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, 17.815, 261.084 by changing the saturation by 10% instead.


 63, 17.815,
261.084


 63, 17.815,
261.084


 100, 17.815,
261.084


 53, 17.815,
261.084


 83, 17.815,
261.084


 43, 17.815,
261.084


 93, 17.815,
261.084

 33, 17.815,
261.084

 23, 17.815,
261.084

 13, 17.815,
261.084

 3, 17.815, 261.084

 0, 17.815, 261.084

63, 17.815,
261.084

63, 17.815,
261.084

59, 23.597,
263.238

67, 11.943,
259.270

56, 29.282,
265.796

71, 6.002, 257.761

75, 0.013, 282.338

52, 34.876,
268.806

78, 6.004, 75.235

49, 40.411,
272.296

82, 12.027, 74.309

45, 45.948,
276.245

86, 18.041, 73.494

90, 23.649, 74.020

42, 51.569,
280.559

92, 25.944, 86.165

39, 57.369,
284.929

95, 29.198, 95.871

Harmonies

Complementary

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



63, 17.815, 261.084



66, 19.246, 72.673

Rectangle

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



63, 17.815, 261.084



63, 17.815, 311.084



63, 17.815, 81.084



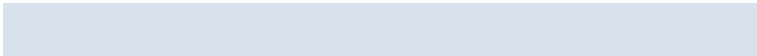
63, 17.815, 131.084

Sweetspot

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



63, 17.814, 261.081



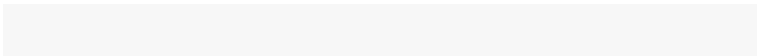
90, 6.656, 257.645



70, 25.264, 160.897



47, 4.659, 257.842



97, 0.011, 296.813



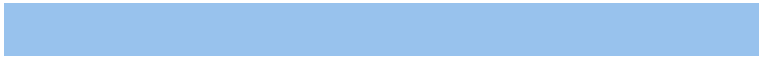
50, 0.007, 296.813

Same Dimension

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



63, 17.814, 261.081



77, 26.236, 262.459



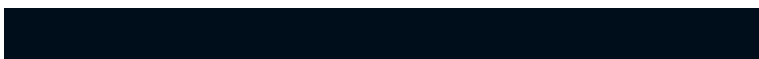
56, 31.573, 293.828



37, 3.402, 257.671



33, 50.174, 284.314



4, 10.300, 268.084

Inverse Universe

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



60, 26.064, 346.936



72, 38.582, 347.701



73, 29.377, 107.307



36, 4.839, 344.877



33, 58.562, 2.236



3, 12.146, 351.314

Previews

White Background



This preview shows how the CIELCh color 63, 17.815, 261.084 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, 17.815, 261.084 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

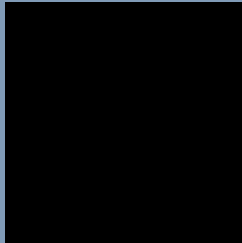
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

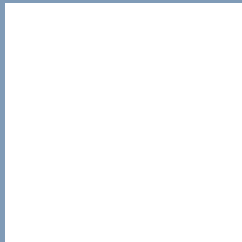
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 63, 17.815, 261.084

Background



This preview shows how black text looks on a background with the CIELCh color 63, 17.815, 261.084.



This preview shows how white text looks on a background with the CIELCh color 63, 17.815, 261.084.

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, 17.815, 261.084

Protanopia

63, 16.289, 285.723

Deuteranopia

63, 20.201, 294.317



Tritanopia
63, 13.123, 229.486

Trichromacy



Original Color
63, 17.815, 261.084

Protanomaly
63, 16.168, 275.633

Deuteranomaly
63, 18.608, 283.610

Tritanomaly
63, 14.401, 243.351

Monochromacy



Original Color
63, 17.815, 261.084

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 6.636, 257.077

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 17.815, 261.084 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(128, 155, 183)` looks like.

```
.text, #text, p{  
    color:rgb(128, 155, 183)  
}
```

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(128, 155, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 155, 183) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 17.815, 261.084 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(128, 155, 183) }
```

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

```
.border{ border-color:rgb(128, 155, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 155, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 155, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 155, 183);  
box-shadow:4px 4px 4px 4px rgb(128, 155,  
183) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 17.815, 261.084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 155, 183) }
```

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

```
.background{ background-color: rgb(128,  
155, 183) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor