

Converting Colors

CIELCh(63, 18.260, 231.647)

Have a look what the booklet for
CIELCh(63, 18.260, 231.647)
contains.

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Color

CIELCh(63, 18.185, 232.182)

Conversions

Conversions Part 1

Format	Color
Hex	709FB1
RGB	112, 159, 177
RGB Percent	44%, 62%, 69%
CMY	0.5593, 0.3750, 0.3044
CMYK	0.37, 0.10, 0.00, 0.30
HSL	197°, 30%, 57%
HSV	197°, 37%, 70%
XYZ	27.1687, 31.5869, 46.4629
YIQ	146.9990, -33.7900, -4.3660

Conversions

Conversions Part 2

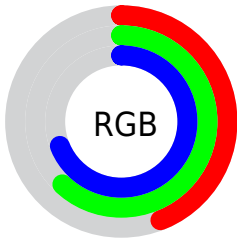
Format	Color
RYB	112, 139, 177
Decimal	7380913
CIELab	63.00, -11.15, -14.37
CIElCh	63, 18.185, 232.182
Yxy	31.5869, 0.2582, 0.3002
Android (android.graphics.Color)	4285570993 (0xFF709FB1)
YUV	146.9990, 14.7905, -30.6941
Hunter-Lab	56.2022, -12.0654, -9.6740

Details

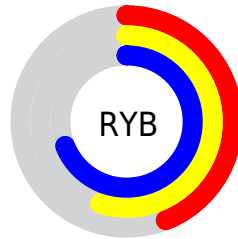
The CIELCh color $63, 18.185, 232.182$ is a light color, and the websafe version is hex 669999 . A complement of this color would be $59, 22.996, 47.081$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 18.246, 232.126$, and $43, 18.096, 230.347$ is the 20% darker color. If you saturate the color by 10%, you get $61, 22.287, 233.799$, and if you desaturate by 10%, it is $65, 13.655, 230.915$.

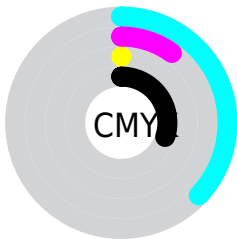
Distribution



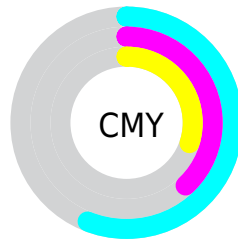
- Red (44%)
- Green (62%)
- Blue (69%)



- Red (44%)
- Yellow (55%)
- Blue (69%)



- Cyan (37%)
- Magenta (10%)
- Yellow (0%)
- Black (30%)





- Cyan (56%)
- Magenta (38%)
- Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 18.185, 232.182 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, 18.185, 232.182 by changing the saturation by 10% instead.


 63, 18.185,
232.182


 63, 18.185,
232.182


 100, 18.185,
232.182


 53, 18.185,
232.182


 83, 18.185,
232.182

 43, 18.185,
232.182

 93, 18.185,
232.182

 33, 18.185,
232.182

 23, 18.185,
232.182

 13, 18.185,
232.182

 3, 18.185, 232.182

 0, 18.185, 232.182

63, 18.185,
232.182

63, 18.185,
232.182

61, 22.287,
233.799

65, 13.655,
230.915

58, 25.903,
235.857

68, 8.764, 229.943

56, 28.995,
238.440

71, 3.581, 229.252

54, 31.561,
241.636

73, 1.835, 48.270

53, 33.655,
245.504

76, 7.429, 48.009

51, 35.409,
250.012

79, 13.155, 47.689

50, 36.001,
251.539

82, 18.975, 47.438

84, 24.858, 47.247

86, 24.732, 53.894

Harmonies

Complementary

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



63, 18.185, 232.182



59, 22.996, 47.081

Rectangle

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



63, 18.185, 232.182



63, 18.185, 282.182



63, 18.185, 52.182



63, 18.185, 102.182

Sweetspot

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



63, 18.185, 232.179



88, 7.233, 229.524



67, 35.904, 149.961



46, 4.841, 229.617



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



63, 18.185, 232.179



77, 26.119, 233.460



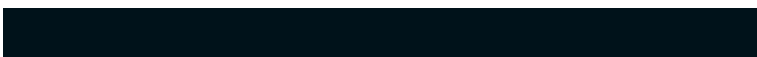
54, 28.964, 283.853



36, 3.049, 229.402



44, 32.142, 250.908



5, 7.531, 240.979

Inverse Universe

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



56, 35.950, 335.968



67, 52.757, 336.629



67, 28.010, 93.937



35, 5.561, 333.953



34, 64.169, 342.938



2, 12.442, 337.552

Previews

White Background



This preview shows how the CIELCh color 63, 18.185, 232.182 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, 18.185, 232.182 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, 18.185, 232.182

Background



This preview shows how black text looks on a background with the CIELCh color 63, 18.185, 232.182.



This preview shows how white text looks on a background with the CIELCh color 63, 18.185, 232.182.

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, 18.185, 232.182

Protanopia

63, 11.767, 287.924

Deuteranopia

63, 18.075, 297.750



Tritanopia
63, 17.676, 222.622

Trichromacy



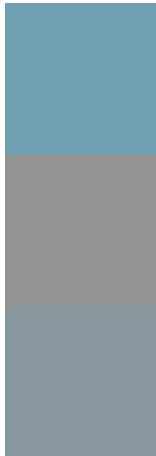
Original Color
63, 18.185, 232.182

Protanomaly
63, 12.690, 261.399

Deuteranomaly
63, 15.747, 273.782

Tritanomaly
63, 17.768, 226.591

Monochromacy



Original Color
63, 18.185, 232.182

Achromatopsia
61, 0.008, 296.813

Achromatomaly
62, 7.345, 226.326

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 18.185, 232.182 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(112, 159, 177)` looks like.

```
.text, #text, p{  
    color:rgb(112, 159, 177)  
}
```

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(112, 159, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 159, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 18.185, 232.182 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(112, 159, 177) }
```

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

```
.border{ border-color:rgb(112, 159, 177) }
```

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

Here you see how a box with a 4 pixel rgb(112, 159, 177) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 159, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 159, 177);  
box-shadow:4px 4px 4px 4px rgb(112, 159,  
177) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 18.185, 232.182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 159, 177) }
```

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

```
.background{ background-color: rgb(112,  
159, 177) }
```

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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