

Converting Colors

CIELCh(63, 20.924, 247.769)

Have a look what the booklet for
CIELCh(63, 20.924, 247.769)
contains.

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Color

CIELCh(63, 20.865, 247.621)

Conversions

Conversions Part 1

Format	Color
Hex	719EBA
RGB	113, 158, 186
RGB Percent	44%, 62%, 73%
CMY	0.5562, 0.3797, 0.2699
CMYK	0.39, 0.15, 0.00, 0.27
HSL	203°, 35%, 59%
HSV	203°, 39%, 73%
XYZ	27.9699, 31.5869, 51.1759
YIQ	147.7370, -35.8080, -0.8320

Conversions

Conversions Part 2

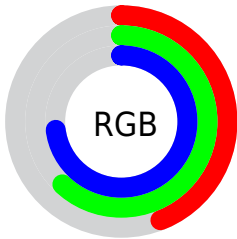
Format	Color
R _Y B	113, 141, 186
Decimal	7446202
CIE Lab	63.00, -7.94, -19.29
CIE LCh	63, 20.865, 247.621
Yxy	31.5869, 0.2526, 0.2853
Android (android.graphics.Color)	4285636282 (0xFF719EBA)
YUV	147.7370, 18.8637, -30.4643
Hunter-Lab	56.2022, -9.5208, -14.6459

Details

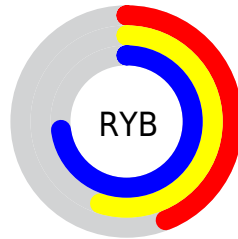
The CIELCh color $63, 20.865, 247.621$ is a light color, and the websafe version is hex $6699CC$. A complement of this color would be $62, 25.327, 58.284$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 20.794, 246.529$, and $43, 20.927, 247.135$ is the 20% darker color. If you saturate the color by 10%, you get $60, 25.539, 249.942$, and if you desaturate by 10%, it is $66, 15.885, 245.722$.

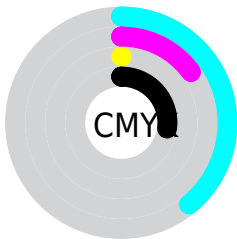
Distribution



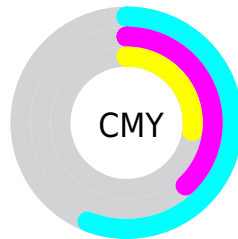
- Red (44%)
- Green (62%)
- Blue (73%)



- Red (44%)
- Yellow (55%)
- Blue (73%)



- Cyan (39%)
- Magenta (15%)
- Yellow (0%)
- Black (27%)





- Cyan (56%)
- Magenta (38%)
- Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 20.865, 247.621 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, 20.865, 247.621 by changing the saturation by 10% instead.


 63, 20.865,
247.621


 63, 20.865,
247.621


 100, 20.865,
247.621


 53, 20.865,
247.621


 83, 20.865,
247.621

 43, 20.865,
247.621

 93, 20.865,
247.621

 33, 20.865,
247.621

 23, 20.865,
247.621

 13, 20.865,
247.621

 3, 20.865, 247.621

 0, 20.865, 247.621

63, 20.865,
247.621

63, 20.865,
247.621

60, 25.539,
249.942

66, 15.885,
245.722

57, 29.885,
252.769

69, 10.643,
244.181

54, 33.904,
256.168

73, 5.185, 242.951

52, 37.641,
260.175

76, 0.443, 60.849

79, 6.201, 60.889

49, 41.196,
264.757

83, 12.052, 60.204

47, 44.741,
269.676

86, 17.965, 59.614

89, 21.772, 63.733

47, 45.031,
270.047

90, 22.730, 74.816

Harmonies

Complementary

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



63, 20.865, 247.621



62, 25.327, 58.284

Rectangle

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



63, 20.865, 247.621



63, 20.865, 297.621



63, 20.865, 67.621



63, 20.865, 117.621

Sweetspot

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



63, 20.864, 247.619



91, 8.327, 243.285



70, 36.400, 154.308



48, 5.557, 243.441



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, 20.864, 247.619



77, 30.323, 249.579



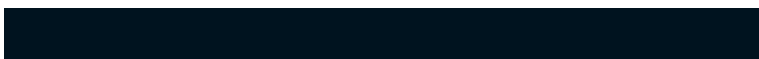
53, 37.334, 290.566



38, 3.224, 242.967



40, 39.533, 269.354



5, 10.308, 256.753

Inverse Universe

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



57, 37.215, 341.146



68, 54.698, 342.050



72, 34.665, 100.765



37, 5.397, 338.525



34, 61.738, 351.119



3, 15.043, 344.700

Previews

White Background



This preview shows how the CIELCh color 63, 20.865, 247.621 looks on a white background.

Color Contrast Check

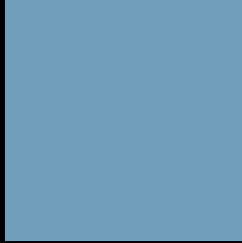
Large Text (above 18pt) WCAG AA × Fail

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, 20.865, 247.621 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

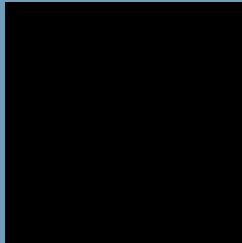
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 20.865, 247.621

Background



This preview shows how black text looks on a background with the CIELCh color 63, 20.865, 247.621.

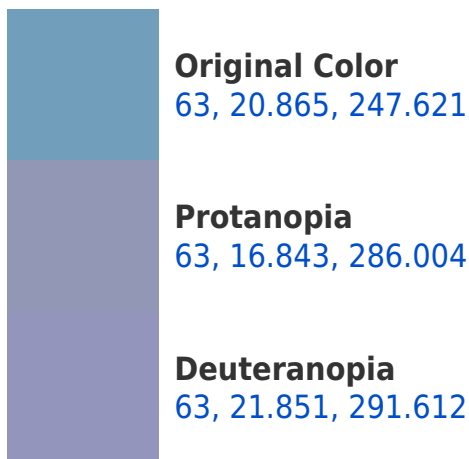


This preview shows how white text looks on a background with the CIELCh color 63, 20.865, 247.621.

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





Tritanopia
63, 17.941, 222.219

Trichromacy



Original Color
63, 20.865, 247.621

Protanomaly
63, 17.379, 268.765

Deuteranomaly
63, 20.233, 275.798

Tritanomaly
63, 18.672, 233.269

Monochromacy



Original Color
63, 20.865, 247.621

Achromatopsia
61, 0.008, 296.813

Achromatomaly
62, 8.239, 242.126

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 20.865, 247.621 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(113, 158, 186)` looks like.

```
.text, #text, p{  
    color:rgb(113, 158, 186)  
}
```

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(113, 158, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 158, 186) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 20.865, 247.621 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(113, 158, 186) }
```

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

```
.border{ border-color:rgb(113, 158, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 158, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 158, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 158, 186);  
box-shadow:4px 4px 4px 4px rgb(113, 158,  
186) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 20.865, 247.621 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 158, 186) }
```

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

```
.background{ background-color: rgb(113,  
158, 186) }
```

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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