

Converting Colors

CIELCh(63, 14.572, 222.683)

Have a look what the booklet for
CIELCh(63, 14.572, 222.683)
contains.

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Color

CIELCh(63, 14.429, 221.302)

Conversions

Conversions Part 1

Format	Color
Hex	789FA9
RGB	120, 159, 169
RGB Percent	47%, 62%, 66%
CMY	0.5300, 0.3770, 0.3378
CMYK	0.29, 0.06, 0.00, 0.34
HSL	192°, 22%, 57%
HSV	192°, 29%, 66%
XYZ	27.2456, 31.5869, 42.1232
YIQ	148.4790, -26.4540, -5.1580

Conversions

Conversions Part 2

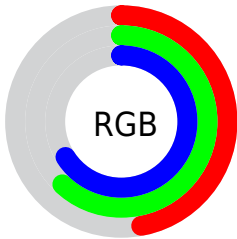
Format	Color
RYB	120, 142, 169
Decimal	7905193
CIELab	63.00, -10.84, -9.52
CIELCh	63, 14.429, 221.302
Yxy	31.5869, 0.2699, 0.3129
Android (android.graphics.Color)	4286095273 (0xFF789FA9)
YUV	148.4790, 10.1169, -24.9761
Hunter-Lab	56.2022, -11.8210, -5.0958

Details

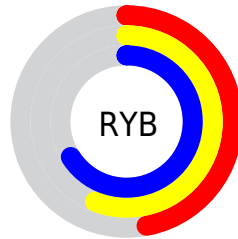
The CIELCh color `63, 14.429, 221.302` is a dark color, and the websafe version is hex `669999`. A complement of this color would be `58, 17.547, 39.613`, and the grayscale version is `61, 0.008, 296.813`.

A 20% lighter version of the original color is `83, 14.583, 219.903`, and `43, 14.596, 219.914` is the 20% darker color. If you saturate the color by 10%, you get `61, 18.666, 222.139`, and if you desaturate by 10%, it is `65, 9.767, 220.695`.

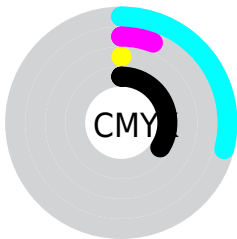
Distribution



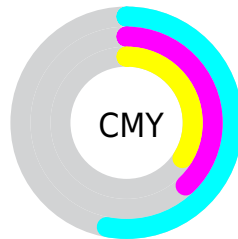
- Red (47%)
- Green (62%)
- Blue (66%)



- Red (47%)
- Yellow (56%)
- Blue (66%)



- Cyan (29%)
- Magenta (6%)
- Yellow (0%)
- Black (34%)





- Cyan (53%)
- Magenta (38%)
- Yellow (34%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 14.429, 221.302 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, 14.429, 221.302 by changing the saturation by 10% instead.


 63, 14.429,
221.302


 63, 14.429,
221.302


 100, 14.429,
221.302


 53, 14.429,
221.302


 83, 14.429,
221.302

 43, 14.429,
221.302

 93, 14.429,
221.302

 33, 14.429,
221.302

 23, 14.429,
221.302

 13, 14.429,
221.302

 3, 14.429, 221.302

 0, 14.429, 221.302

63, 14.429,
221.302

63, 14.429,
221.302

61, 18.666,
222.139

65, 9.767, 220.695

59, 22.400,
223.274

67, 4.757, 220.312

69, 0.529, 39.016

58, 25.562,
224.770

72, 6.028, 39.660

56, 28.104,
226.707

74, 11.686, 39.604

77, 17.460, 39.590

55, 30.013,
229.164

79, 23.312, 39.619

53, 31.328,
232.215

82, 29.213, 39.683

82, 28.626, 43.689

52, 32.220,
235.798

52, 32.308,

Harmonies

Complementary

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



63, 14.429, 221.302



58, 17.547, 39.613

Rectangle

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



63, 14.429, 221.302



63, 14.429, 271.302



63, 14.429, 41.302



63, 14.429, 91.302

Sweetspot

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



63, 14.429, 221.297



85, 5.872, 220.315



65, 28.803, 148.383



45, 4.060, 220.354



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



63, 14.429, 221.297



78, 21.002, 221.824



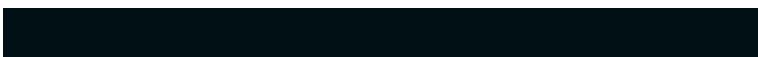
56, 20.093, 277.978



35, 2.976, 220.319



46, 29.279, 235.677



4, 5.423, 227.382

Inverse Universe

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



56, 28.847, 332.505



69, 42.914, 332.955



64, 19.993, 90.096



33, 5.580, 331.209



33, 65.906, 338.187



2, 9.678, 332.945

Previews

White Background



This preview shows how the CIE LCh color 63, 14.429, 221.302 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, 14.429, 221.302 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

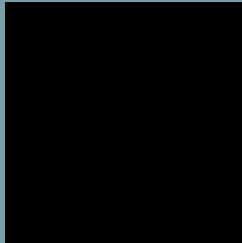
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

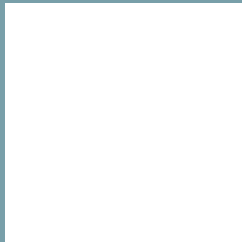
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 63, 14.429, 221.302

Background



This preview shows how black text looks on a background with the CIELCh color 63, 14.429, 221.302.



This preview shows how white text looks on a background with the CIELCh color 63, 14.429, 221.302.

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](#).

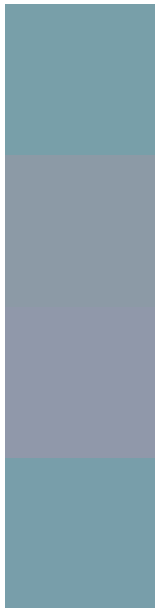
Dichromacy





Tritanopia
63, 14.723, 228.235

Trichromacy



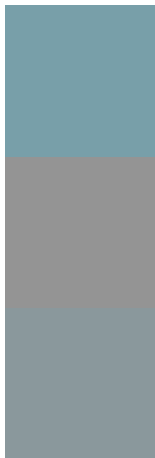
Original Color
63, 14.429, 221.302

Protanomaly
63, 8.315, 253.211

Deuteranomaly
63, 10.417, 275.165

Tritanomaly
63, 14.512, 226.156

Monochromacy



Original Color
63, 14.429, 221.302

Achromatopsia
61, 0.008, 296.813

Achromatomaly
62, 5.626, 222.621

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 14.429, 221.302 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(120, 159, 169)` looks like.

```
.text, #text, p{  
    color:rgb(120, 159, 169)  
}
```

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(120, 159, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 159, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 14.429, 221.302 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(120, 159, 169) }
```

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

```
.border{ border-color:rgb(120, 159, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 159, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 159, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 159, 169);  
box-shadow:4px 4px 4px 4px rgb(120, 159,  
169) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 14.429, 221.302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 159, 169) }
```

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

```
.background{ background-color: rgb(120,  
159, 169) }
```

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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