

Converting Colors

CIELCh(63, 14.268, 218.368)

Have a look what the booklet for
CIELCh(63, 14.268, 218.368)
contains.

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Color

CIELCh(63, 14.282, 219.104)

Conversions

Conversions Part 1

Format	Color
Hex	789FA8
RGB	120, 159, 168
RGB Percent	47%, 62%, 66%
CMY	0.5297, 0.3767, 0.3414
CMYK	0.29, 0.05, 0.00, 0.34
HSL	191°, 22%, 56%
HSV	191°, 29%, 66%
XYZ	27.1854, 31.5869, 41.6778
YIQ	148.3650, -26.1330, -5.4690

Conversions

Conversions Part 2

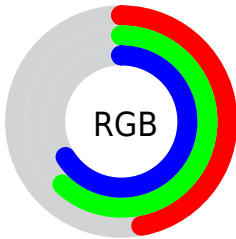
Format	Color
R_{YB}	120, 142, 168
Decimal	7905192
CIE _{Lab}	63.00, -11.08, -9.01
CIE _{LCh}	63, 14.282, 219.104
Yxy	31.5869, 0.2706, 0.3145
Android (android.graphics.Color)	4286095272 (0xFF789FA8)
YUV	148.3650, 9.6801, -24.8761
Hunter-Lab	56.2022, -12.0124, -4.6260

Details

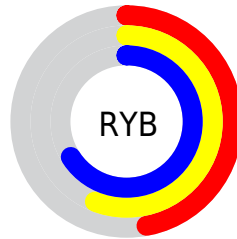
The CIELCh color `63, 14.282, 219.104` is a dark color, and the websafe version is hex `669999`. A complement of this color would be `57, 17.348, 37.936`, and the grayscale version is `61, 0.008, 296.813`.

A 20% lighter version of the original color is `83, 14.447, 217.856`, and `43, 14.471, 217.522` is the 20% darker color. If you saturate the color by 10%, you get `61, 18.538, 219.813`, and if you desaturate by 10%, it is `65, 9.594, 218.607`.

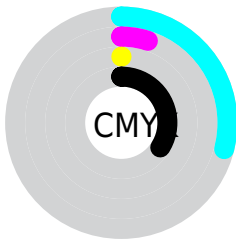
Distribution



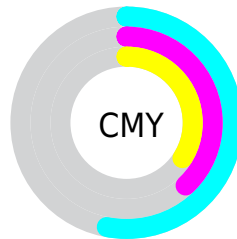
- Red (47%)
- Green (62%)
- Blue (66%)



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



- Cyan (29%)
- Magenta (5%)
- Yellow (0%)
- Black (34%)





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 14.282, 219.104 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, 14.282, 219.104 by changing the saturation by 10% instead.


 63, 14.282,
219.104


 63, 14.282,
219.104


 100, 14.282,
219.104


 53, 14.282,
219.104


 83, 14.282,
219.104

 43, 14.282,
219.104

 93, 14.282,
219.104

 33, 14.282,
219.104

 23, 14.282,
219.104

 13, 14.282,
219.104

 3, 14.282, 219.104

 0, 14.282, 219.104

63, 14.282,
219.104

63, 14.282,
219.104

61, 18.538,
219.813

65, 9.594, 218.607

59, 22.282,
220.797

67, 4.553, 218.321

69, 0.768, 37.382

58, 25.442,
222.113

71, 6.303, 37.824

56, 27.965,
223.834

74, 11.999, 37.832

76, 17.810, 37.877

55, 29.833,
226.037

78, 23.699, 37.961

54, 31.077,
228.792

81, 29.635, 38.076

82, 29.293, 41.478

53, 31.850,
232.068

52, 31.957,

Harmonies

Complementary

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



63, 14.282, 219.104



57, 17.348, 37.936

Rectangle

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



63, 14.282, 219.104



63, 14.282, 269.104



63, 14.282, 39.104



63, 14.282, 89.104

Sweetspot

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



63, 14.282, 219.099



85, 5.924, 218.331



65, 28.596, 147.869



45, 4.096, 218.358



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, 14.282, 219.099



79, 20.633, 219.501



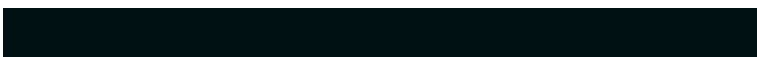
56, 19.300, 276.675



35, 3.002, 218.333



46, 29.093, 232.116



4, 5.456, 224.969

Inverse Universe

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



56, 28.619, 331.868



69, 42.193, 332.267



64, 19.311, 88.854



33, 5.646, 330.626



33, 66.713, 337.211



2, 9.818, 332.194

Previews

White Background



This preview shows how the CIELCh color 63, 14.282, 219.104 looks on a white background.

Color Contrast Check

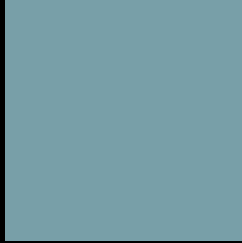
Large Text (above 18pt) WCAG AA × Fail

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, 14.282, 219.104 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

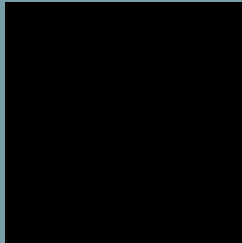
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

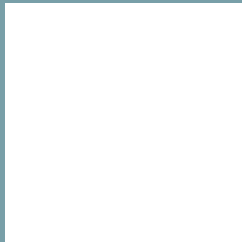
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 63, 14.282, 219.104

Background



This preview shows how black text looks on a background with the CIELCh color 63, 14.282, 219.104.

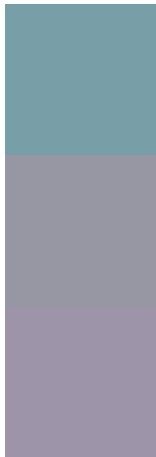


This preview shows how white text looks on a background with the CIELCh color 63, 14.282, 219.104.

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, 14.282, 219.104

Protanopia

63, 6.723, 290.916

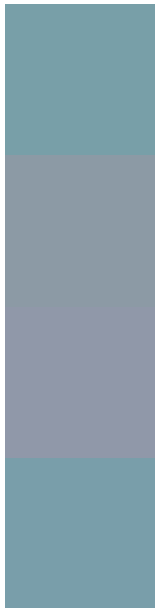
Deuteranopia

63, 12.930, 308.067



Tritanopia
63, 14.452, 228.871

Trichromacy



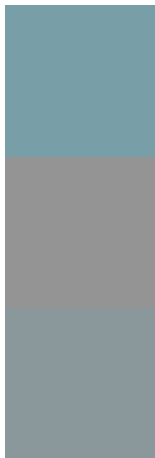
Original Color
63, 14.282, 219.104

Protanomaly
63, 7.891, 250.593

Deuteranomaly
63, 9.884, 274.161

Tritanomaly
63, 14.234, 226.765

Monochromacy



Original Color
63, 14.282, 219.104

Achromatopsia
61, 0.008, 296.813

Achromatomaly
62, 5.453, 217.061

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 14.282, 219.104 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, 168)` looks like.

```
.text, #text, p{  
    color:rgb(120, 159, 168)  
}
```

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, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 159, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 14.282, 219.104 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, 168) }
```

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

```
.border{ border-color:rgb(120, 159, 168) }
```

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, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 159, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 159, 168);  
box-shadow:4px 4px 4px 4px rgb(120, 159,  
168) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 14.282, 219.104 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, 168) }
```

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

```
.background{ background-color: rgb(120,  
159, 168) }
```

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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