

Converting Colors

CIELCh(63, 14.141, 224.801)

Have a look what the booklet for
CIELCh(63, 14.141, 224.801)
contains.

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Color

CIELCh(63, 14.234, 226.765)

Conversions

Conversions Part 1

Format	Color
Hex	799EAA
RGB	121, 158, 170
RGB Percent	47%, 62%, 67%
CMY	0.5241, 0.3789, 0.3319
CMYK	0.29, 0.07, 0.00, 0.33
HSL	195°, 22%, 57%
HSV	195°, 29%, 67%
XYZ	27.5166, 31.5869, 42.8616
YIQ	148.3050, -25.9040, -4.1120

Conversions

Conversions Part 2

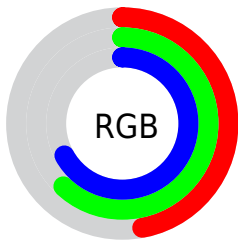
Format	Color
RYB	121, 142, 170
Decimal	7970474
CIELab	63.00, -9.75, -10.37
CIELCh	63, 14.234, 226.765
Yxy	31.5869, 0.2699, 0.3098
Android (android.graphics.Color)	4286160554 (0xFF799EAA)
YUV	148.3050, 10.6956, -23.9465
Hunter-Lab	56.2022, -10.9603, -5.8748

Details

The CIELCh color **63, 14.234, 226.765** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **59, 17.141, 43.867**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **83, 14.352, 224.984**, and **43, 14.386, 225.711** is the 20% darker color. If you saturate the color by 10%, you get **61, 18.506, 227.878**, and if you desaturate by 10%, it is **65, 9.570, 225.919**.

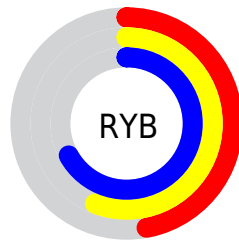
Distribution



Red (47%)

Green (62%)

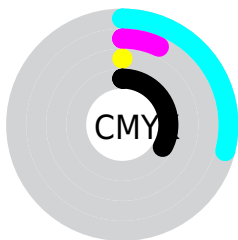
Blue (67%)



Red (47%)

Yellow (56%)

Blue (67%)

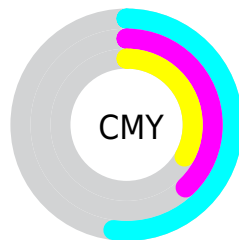


Cyan (29%)

Magenta (7%)

Yellow (0%)

Black (33%)



Cyan (52%)

Magenta (38%)


Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 14.234, 226.765 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, 14.234, 226.765 by changing the saturation by 10% instead.


 63, 14.234,
226.765


 63, 14.234,
226.765


 100, 14.234,
226.765


 53, 14.234,
226.765


 83, 14.234,
226.765

 43, 14.234,
226.765

 93, 14.234,
226.765

 33, 14.234,
226.765

 23, 14.234,
226.765

 13, 14.234,
226.765

 3, 14.234, 226.765

 0, 14.234, 226.765

63, 14.234,
226.765

63, 14.234,
226.765

61, 18.506,
227.878

65, 9.570, 225.919

59, 22.316,
229.335

68, 4.584, 225.326

70, 0.656, 44.028

57, 25.602,
231.208

73, 6.094, 44.318

55, 28.324,
233.585

75, 11.679, 44.107

78, 17.371, 43.952

53, 30.480,
236.553

80, 23.136, 43.850

52, 32.121,
240.177

83, 27.940, 44.597

84, 27.451, 49.820

50, 33.419,
244.367

50, 33.583,

244.881

Harmonies

Complementary

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



63, 14.234, 226.765



59, 17.141, 43.867

Rectangle

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



63, 14.234, 226.765



63, 14.234, 276.765



63, 14.234, 46.765



63, 14.234, 96.765

Sweetspot

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



63, 14.234, 226.760



86, 5.829, 225.344



65, 28.063, 149.554



45, 4.070, 225.413



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



63, 14.234, 226.760



78, 20.960, 227.494



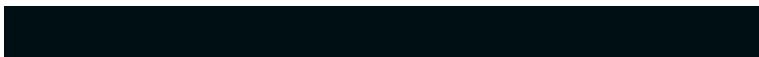
56, 20.894, 280.242



34, 2.927, 225.349



44, 30.181, 244.299



4, 5.383, 233.260

Inverse Universe

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



57, 28.007, 334.054



69, 42.124, 334.554



65, 20.581, 92.604



33, 5.420, 332.707



33, 64.011, 340.737



2, 9.349, 334.839

Previews

White Background



This preview shows how the CIELCh color 63, 14.234, 226.765 looks on a white background.

Color Contrast Check

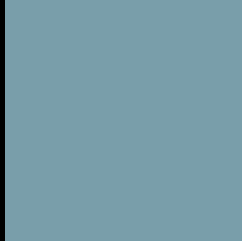
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 63, 14.234, 226.765 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

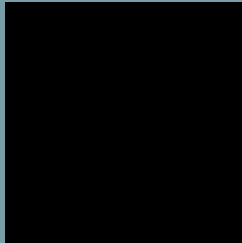
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

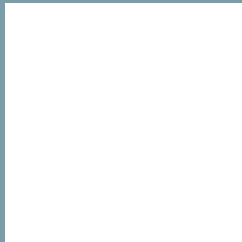
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 63, 14.234, 226.765

Background



This preview shows how black text looks on a background with the CIELCh color 63, 14.234, 226.765.

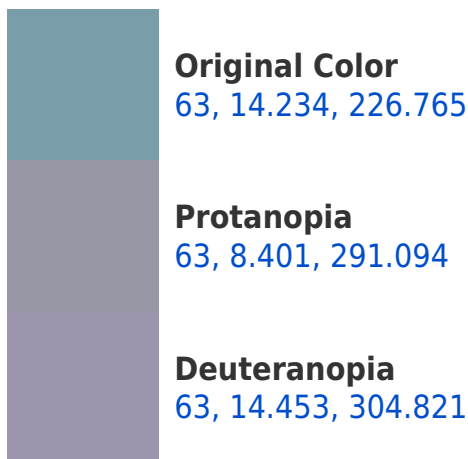


This preview shows how white text looks on a background with the CIELCh color 63, 14.234, 226.765.

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, 14.452, 228.871

Trichromacy



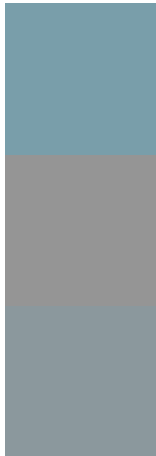
Original Color
63, 14.234, 226.765

Protanomaly
63, 9.207, 257.719

Deuteranomaly
63, 11.491, 276.909

Tritanomaly
63, 14.452, 228.871

Monochromacy



Original Color
63, 14.234, 226.765

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 5.532, 229.639

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 14.234, 226.765 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(121, 158, 170)` looks like.

```
.text, #text, p{  
    color:rgb(121, 158, 170)  
}
```

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(121, 158, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 158, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 14.234, 226.765 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(121, 158, 170) }
```

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

```
.border{ border-color:rgb(121, 158, 170) }
```

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

Here you see how a box with a 4 pixel rgb(121, 158, 170) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 158, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 158, 170);  
box-shadow:4px 4px 4px 4px rgb(121, 158,  
170) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 14.234, 226.765 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 158, 170) }
```

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

```
.background{ background-color: rgb(121,  
158, 170) }
```

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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