

Converting Colors

CIELCh(64, 15.026, 214.214)

Have a look what the booklet for
CIELCh(64, 15.026, 214.214)
contains.

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Color

CIELCh(64, 15.029, 215.634)

Conversions

Conversions Part 1

Format	Color
Hex	78A2AA
RGB	120, 162, 170
RGB Percent	47%, 64%, 67%
CMY	0.5289, 0.3641, 0.3328
CMYK	0.29, 0.05, 0.00, 0.33
HSL	190°, 23%, 57%
HSV	190°, 29%, 67%
XYZ	27.9798, 32.8017, 42.9581
YIQ	150.3540, -27.6000, -6.4160

Conversions

Conversions Part 2

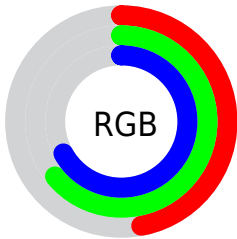
Format	Color
RYB	120, 143, 170
Decimal	7905962
CIELab	64.00, -12.21, -8.76
CIElCh	64, 15.029, 215.634
Yxy	32.8017, 0.2697, 0.3162
Android (android.graphics.Color)	4286096042 (0xFF78A2AA)
YUV	150.3540, 9.6855, -26.6205
Hunter-Lab	57.2727, -13.0236, -4.3802

Details

The CIELCh color `64, 15.029, 215.634` is a light color, and the websafe version is hex `669999`. A complement of this color would be `57, 18.424, 35.266`, and the grayscale version is `62, 0.008, 296.813`.

A 20% lighter version of the original color is `84, 14.906, 215.013`, and `44, 15.029, 216.664` is the 20% darker color. If you saturate the color by 10%, you get `62, 19.336, 216.171`, and if you desaturate by 10%, it is `66, 10.259, 215.285`.

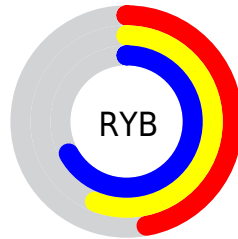
Distribution



Red (47%)

Green (64%)

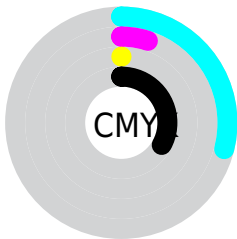
Blue (67%)



Red (47%)

Yellow (56%)

Blue (67%)

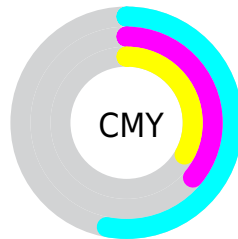


Cyan (29%)

Magenta (5%)

Yellow (0%)

Black (33%)



Cyan (53%)


Magenta (36%)


Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 64, 15.029, 215.634 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 64, 15.029, 215.634 by changing the saturation by 10% instead.


 64, 15.029,
215.634


 64, 15.029,
215.634


 100, 15.029,
215.634


 54, 15.029,
215.634


 84, 15.029,
215.634

 44, 15.029,
215.634

 94, 15.029,
215.634

 34, 15.029,
215.634

 24, 15.029,
215.634

 14, 15.029,
215.634

 4, 15.029, 215.634

 0, 15.029, 215.634

64, 15.029,
215.634

64, 15.029,
215.634

62, 19.336,
216.171

66, 10.259,
215.285

61, 23.094,
216.953

68, 5.110, 215.124

59, 26.229,
218.029

70, 0.339, 33.497

72, 6.019, 34.855

58, 28.684,
219.461

74, 11.871, 34.965

57, 30.441,
221.315

76, 17.845, 35.102

79, 23.902, 35.271

56, 31.528,
223.657

81, 29.507, 35.671

55, 32.121,
226.439

82, 28.899, 38.732

55, 32.156,

226.611

Harmonies

Complementary

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



64, 15.029, 215.634



57, 18.424, 35.266

Rectangle

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



64, 15.029, 215.634



64, 15.029, 265.634



64, 15.029, 35.634



64, 15.029, 85.634

Sweetspot

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



64, 15.029, 215.629



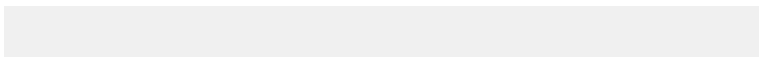
86, 6.082, 215.123



65, 30.441, 146.720



46, 4.245, 215.131



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



64, 15.029, 215.629



80, 21.670, 215.942



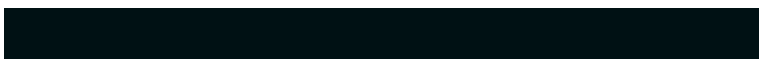
57, 19.275, 274.243



35, 3.054, 215.123



48, 29.013, 226.220



4, 5.534, 220.964

Inverse Universe

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



57, 30.306, 330.947



70, 44.644, 331.343



64, 19.519, 86.023



33, 5.756, 329.690



33, 68.095, 335.662



2, 10.058, 330.970

Previews

White Background



This preview shows how the CIELCh color 64, 15.029, 215.634 looks on a white background.

Color Contrast Check

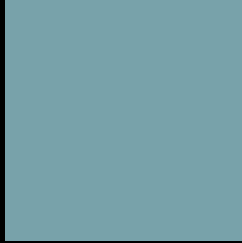
Large Text (above 18pt) WCAG AA × Fail

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 64, 15.029, 215.634 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

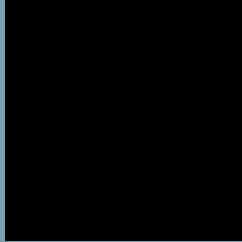
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

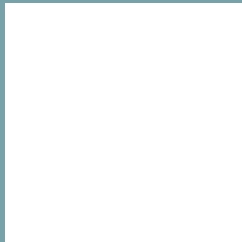
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 64, 15.029, 215.634

Background



This preview shows how black text looks on a background with the CIELCh color 64, 15.029, 215.634.

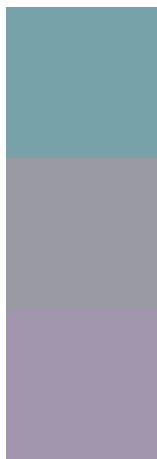


This preview shows how white text looks on a background with the CIELCh color 64, 15.029, 215.634.

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

64, 15.029, 215.634

Protanopia

64, 6.141, 290.845

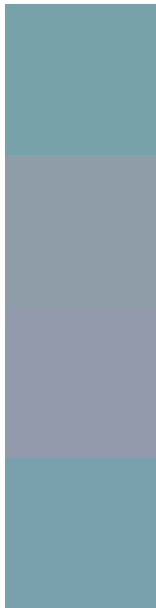
Deuteranopia

64, 13.540, 308.909



Tritanopia
64, 15.243, 226.986

Trichromacy



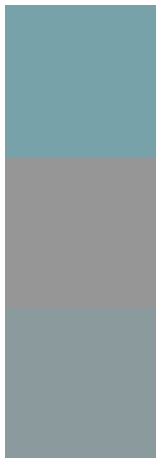
Original Color
64, 15.029, 215.634

Protanomaly
64, 7.700, 245.671

Deuteranomaly
64, 10.393, 275.141

Tritanomaly
64, 15.045, 224.967

Monochromacy



Original Color
64, 15.029, 215.634

Achromatopsia
62, 0.008, 296.813

Achromatomaly
63, 5.788, 215.917

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 15.029, 215.634 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, 162, 170)` looks like.

```
.text, #text, p{  
    color:rgb(120, 162, 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(120, 162, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 162, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 15.029, 215.634 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, 162, 170) }
```

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

```
.border{ border-color:rgb(120, 162, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 162, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(120, 162, 170); -webkit-box-shadow:4px 4px 4px 4px rgb(120, 162, 170); box-shadow:4px 4px 4px 4px rgb(120, 162, 170) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 15.029, 215.634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 162, 170) }
```

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

```
.background{ background-color: rgb(120,  
162, 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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