

Converting Colors

CIELCh(69, 19.370, 212.542)

Have a look what the booklet for
CIELCh(69, 19.370, 212.542)
contains.

CIELCh(69, 19.322, 212.917)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(69, 19.322, 212.917)

Conversions

Conversions Part 1

Format	Color
Hex	79B2BB
RGB	121, 178, 187
RGB Percent	47%, 70%, 73%
CMY	0.5266, 0.3031, 0.2678
CMYK	0.35, 0.05, 0.00, 0.27
HSL	188°, 33%, 60%
HSV	188°, 35%, 73%
XYZ	32.6457, 39.3444, 52.7228
YIQ	161.9830, -36.8610, -9.2850

Conversions

Conversions Part 2

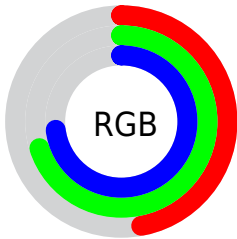
Format	Color
RYB	121, 152, 187
Decimal	7975611
CIELab	69.00, -16.22, -10.50
CIElCh	69, 19.322, 212.917
Yxy	39.3444, 0.2618, 0.3155
Android (android.graphics.Color)	4286165691 (0xFF79B2BB)
YUV	161.9830, 12.3334, -35.9421
Hunter-Lab	62.7251, -16.8676, -5.9279

Details

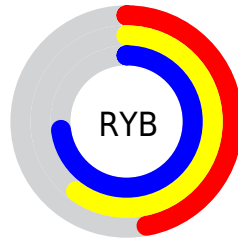
The CIELCh color **69, 19.322, 212.917** is a light color, and the websafe version is hex **669999**. A complement of this color would be **60, 24.935, 33.375**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 19.253, 212.427**, and **49, 19.339, 213.596** is the 20% darker color. If you saturate the color by 10%, you get **67, 23.658, 213.422**, and if you desaturate by 10%, it is **71, 14.407, 212.602**.

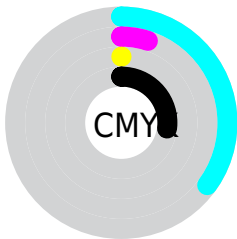
Distribution



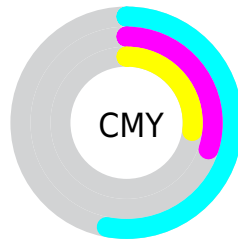
- Red (47%)
- Green (70%)
- Blue (73%)



- Red (47%)
- Yellow (60%)
- Blue (73%)



- Cyan (35%)
- Magenta (5%)
- Yellow (0%)
- Black (27%)





- Cyan (53%)
- Magenta (30%)
- Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 19.322, 212.917 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 69, 19.322, 212.917 by changing the saturation by 10% instead.


 69, 19.322,
212.917


 69, 19.322,
212.917


 100, 19.322,
212.917


 59, 19.322,
212.917


 89, 19.322,
212.917

 49, 19.322,
212.917

 99, 19.322,
212.917

 39, 19.322,
212.917

 29, 19.322,
212.917

 19, 19.322,
212.917

 9, 19.322, 212.917

 0, 19.322, 212.917

69, 19.322,
212.917

69, 19.322,
212.917

67, 23.658,
213.422

71, 14.407,
212.602

66, 27.325,
214.170

73, 9.009, 212.458

65, 30.248,
215.209

75, 3.223, 212.518

77, 2.866, 32.221

63, 32.387,
216.594

79, 9.184, 32.471

62, 33.751,
218.383

81, 15.668, 32.674

84, 22.265, 32.904

61, 34.412,
220.620

85, 23.040, 35.832

61, 34.604,
221.748

85, 22.504, 39.568

Harmonies

Complementary

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



69, 19.322, 212.917



60, 24.935, 33.375

Rectangle

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



69, 19.322, 212.917



69, 19.322, 262.917



69, 19.322, 32.917



69, 19.322, 82.917

Sweetspot

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



69, 19.322, 212.913



93, 8.074, 212.447



70, 39.869, 145.622



49, 5.449, 212.446



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



69, 19.322, 212.913



86, 27.436, 213.265



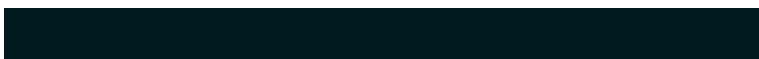
60, 24.590, 274.111



39, 3.412, 212.454



52, 30.618, 221.386



8, 9.853, 217.286

Inverse Universe

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



59, 39.827, 330.518



72, 58.013, 330.970



68, 25.159, 83.768



37, 6.435, 328.924



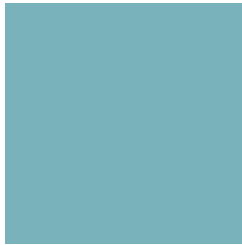
36, 72.755, 334.438



3, 18.777, 330.932

Previews

White Background



This preview shows how the CIELCh color 69, 19.322, 212.917 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 69, 19.322, 212.917 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 69, 19.322, 212.917

Background



This preview shows how black text looks on a background with the CIELCh color 69, 19.322, 212.917.

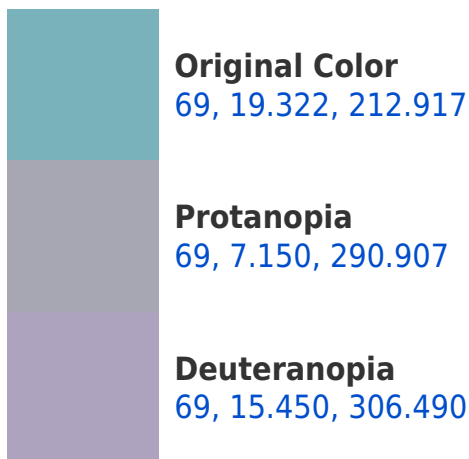


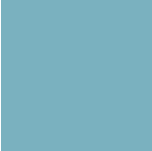
This preview shows how white text looks on a background with the CIELCh color 69, 19.322, 212.917.

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
69, 19.320, 221.742

Trichromacy



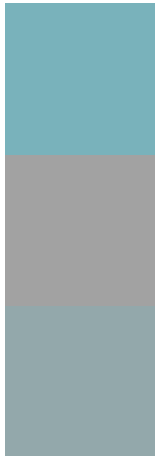
Original Color
69, 19.322, 212.917

Protanomaly
69, 9.465, 238.804

Deuteranomaly
68, 12.305, 269.566

Tritanomaly
69, 19.055, 218.468

Monochromacy



Original Color
69, 19.322, 212.917

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 7.768, 211.180

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 19.322, 212.917 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, 178, 187)` looks like.

```
.text, #text, p{  
    color:rgb(121, 178, 187)  
}
```

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, 178, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 178, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 19.322, 212.917 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, 178, 187) }
```

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

```
.border{ border-color:rgb(121, 178, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 178, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(121, 178, 187); -webkit-box-shadow:4px 4px 4px 4px rgb(121, 178, 187); box-shadow:4px 4px 4px 4px rgb(121, 178, 187) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 19.322, 212.917 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 178, 187) }
```

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

```
.background{ background-color: rgb(121,  
178, 187) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor