

Converting Colors

CIELCh(69, 17.191, 201.479)

Have a look what the booklet for
CIELCh(69, 17.191, 201.479)
contains.

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Color

CIELCh(69, 17.149, 201.744)

Conversions

Conversions Part 1

Format	Color
Hex	7FB1B3
RGB	127, 177, 179
RGB Percent	50%, 69%, 70%
CMY	0.5010, 0.3048, 0.2970
CMYK	0.29, 0.01, 0.00, 0.30
HSL	182°, 26%, 60%
HSV	182°, 29%, 70%
XYZ	32.7272, 39.3444, 48.6556
YIQ	162.2780, -30.4420, -9.9780

Conversions

Conversions Part 2

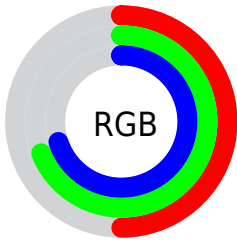
Format	Color
RYB	127, 152, 179
Decimal	8368563
CIELab	69.00, -15.93, -6.35
CIELCh	69, 17.149, 201.744
Yxy	39.3444, 0.2711, 0.3259
Android (android.graphics.Color)	4286558643 (0xFF7FB1B3)
YUV	162.2780, 8.2439, -30.9388
Hunter-Lab	62.7251, -16.6356, -2.0834

Details

The CIELCh color **69, 17.149, 201.744** is a light color, and the websafe version is hex **669999**. A complement of this color would be **59, 20.928, 24.652**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 17.299, 201.767**, and **49, 17.166, 201.600** is the 20% darker color. If you saturate the color by 10%, you get **68, 22.113, 201.518**, and if you desaturate by 10%, it is **70, 11.635, 202.048**.

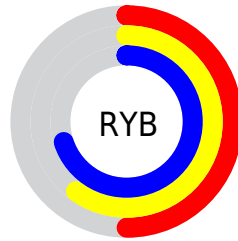
Distribution



Red (50%)

Green (69%)

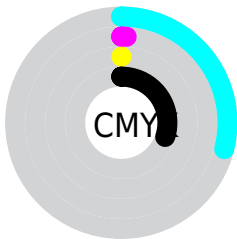
Blue (70%)



Red (50%)

Yellow (60%)

Blue (70%)

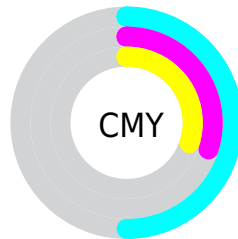


Cyan (29%)

Magenta (1%)

Yellow (0%)

Black (30%)



Cyan (50%)

Magenta (30%)

Yellow (30%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 17.149, 201.744 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, 17.149, 201.744 by changing the saturation by 10% instead.

 69, 17.149,
201.744

 69, 17.149,
201.744

 100, 17.149,
201.744

 59, 17.149,
201.744


 89, 17.149,
201.744

 49, 17.149,
201.744

 99, 17.149,
201.744

 39, 17.149,
201.744

 29, 17.149,
201.744

 19, 17.149,
201.744

 9, 17.149, 201.744

 0, 17.149, 201.744

69, 17.149,
201.744

69, 17.149,
201.744

68, 22.113,
201.518

70, 11.635,
202.048

67, 26.428,
201.392

72, 5.674, 202.453

73, 0.638, 21.973

66, 30.008,
201.374

75, 7.211, 23.158

65, 32.793,
201.477

77, 13.969, 23.676

65, 34.759,
201.711

79, 20.848, 24.194

81, 27.797, 24.720

64, 35.932,
202.085

81, 28.473, 25.409

64, 36.467,
202.583

81, 28.245, 26.131

64, 36.511,

Harmonies

Complementary

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



69, 17.149, 201.744



59, 20.928, 24.652

Rectangle

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



69, 17.149, 201.744



69, 17.149, 251.744



69, 17.149, 21.744



69, 17.149, 71.744

Sweetspot

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



69, 17.149, 201.740



90, 6.987, 202.447



68, 34.033, 143.342



48, 4.876, 202.379



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



69, 17.149, 201.740



86, 24.847, 201.584



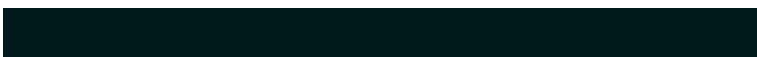
62, 17.352, 263.453



37, 3.551, 202.439



55, 32.505, 202.552



7, 8.625, 204.300

Inverse Universe

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



60, 33.923, 327.073



73, 50.283, 327.426



65, 18.473, 75.268



35, 6.577, 325.973



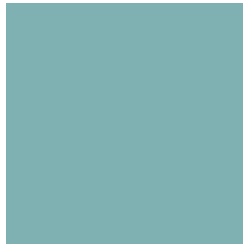
36, 76.621, 329.796



3, 15.625, 326.045

Previews

White Background



This preview shows how the CIELCh color 69, 17.149, 201.744 looks on a white background.

Color Contrast Check

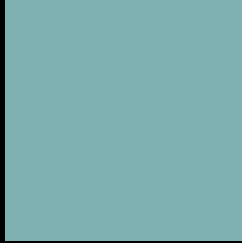
Large Text (above 18pt) WCAG AA × Fail

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 69, 17.149, 201.744 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

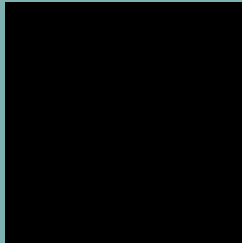
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

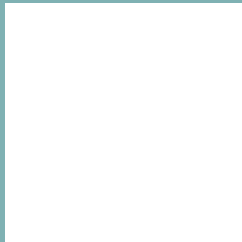
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 17.149, 201.744

Background



This preview shows how black text looks on a background with the CIELCh color 69, 17.149, 201.744.



This preview shows how white text looks on a background with the CIELCh color 69, 17.149, 201.744.

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, 16.945, 225.481

Trichromacy



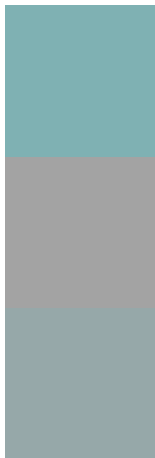
Original Color
69, 17.149, 201.744

Protanomaly
69, 6.515, 218.756

Deuteranomaly
69, 7.652, 268.711

Tritanomaly
69, 16.608, 217.677

Monochromacy



Original Color
69, 17.149, 201.744

Achromatopsia
67, 0.008, 296.813

Achromatomaly
68, 6.617, 203.710

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 17.149, 201.744 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(127, 177, 179)` looks like.

```
.text, #text, p{  
    color:rgb(127, 177, 179)  
}
```

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(127, 177, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 177, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 17.149, 201.744 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(127, 177, 179) }
```

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

```
.border{ border-color:rgb(127, 177, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 177, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 177, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 177, 179);  
box-shadow:4px 4px 4px 4px rgb(127, 177,  
179) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 17.149, 201.744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 177, 179) }
```

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

```
.background{ background-color: rgb(127,  
177, 179) }
```

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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