

Converting Colors

CIELCh(69, 19.446, 197.857)

Have a look what the booklet for
CIELCh(69, 19.446, 197.857)
contains.

CIELCh(69, 19.354, 197.854)	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, 19.354, 197.854)

Conversions

Conversions Part 1

Format	Color
Hex	79B2B2
RGB	121, 178, 178
RGB Percent	47%, 70%, 70%
CMY	0.5238, 0.3002, 0.3002
CMYK	0.32, 0.00, 0.00, 0.30
HSL	180°, 27%, 59%
HSV	180°, 32%, 70%
XYZ	32.0337, 39.3444, 48.2565
YIQ	160.9570, -33.9720, -12.0840

Conversions

Conversions Part 2

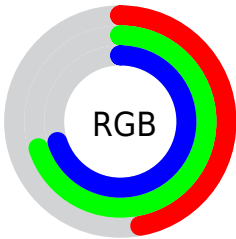
Format	Color
RYB	121, 150, 178
Decimal	7975602
CIELab	69.00, -18.42, -5.93
CIELCh	69, 19.354, 197.854
Yxy	39.3444, 0.2678, 0.3289
Android (android.graphics.Color)	4286165682 (0xFF79B2B2)
YUV	160.9570, 8.4022, -35.0423
Hunter-Lab	62.7251, -18.6091, -1.7062

Details

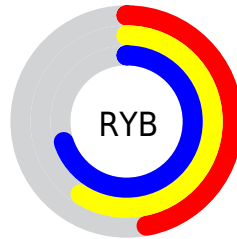
The CIELCh color **69, 19.354, 197.854** is a light color, and the websafe version is hex **669999**. A complement of this color would be **57, 24.048, 22.101**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 19.494, 198.137**, and **49, 19.283, 197.407** is the 20% darker color. If you saturate the color by 10%, you get **68, 24.327, 197.454**, and if you desaturate by 10%, it is **70, 13.788, 198.306**.

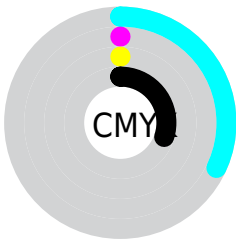
Distribution



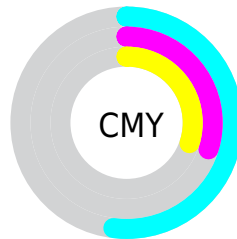
- Red (47%)
- Green (70%)
- Blue (70%)



- Red (47%)
- Yellow (59%)
- Blue (70%)



- Cyan (32%)
- Magenta (0%)
- Yellow (0%)
- Black (30%)





- Cyan (52%)
- Magenta (30%)
- Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 19.354, 197.854 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, 19.354, 197.854 by changing the saturation by 10% instead.

 69, 19.354,
197.854


 69, 19.354,
197.854


 100, 19.354,
197.854


 59, 19.354,
197.854


 89, 19.354,
197.854

 49, 19.354,
197.854

 99, 19.354,
197.854

 39, 19.354,
197.854

 29, 19.354,
197.854

 19, 19.354,
197.854

 9, 19.354, 197.854

 0, 19.354, 197.854

69, 19.354,
197.854

69, 19.354,
197.854

68, 24.327,
197.454

70, 13.788,
198.306

67, 28.610,
197.119

71, 7.732, 198.827

72, 1.291, 199.685

67, 32.125,
196.848

74, 5.440, 19.762

66, 34.828,
196.641

75, 12.375, 20.401

66, 36.714,
196.499

77, 19.443, 21.021

79, 26.585, 21.643

66, 37.831,
196.414

80, 30.062, 21.945

66, 38.339,
196.375

80, 30.062, 21.943

Harmonies

Complementary

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



69, 19.354, 197.854



57, 24.048, 22.101

Rectangle

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



69, 19.354, 197.854



69, 19.354, 247.854



69, 19.354, 17.854



69, 19.354, 67.854

Sweetspot

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



69, 19.354, 197.851



90, 8.049, 198.929



68, 37.952, 141.818



48, 5.516, 198.849



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, 19.354, 197.851



87, 27.702, 197.578



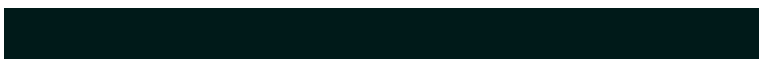
61, 18.058, 258.570



37, 3.691, 198.981



57, 34.228, 196.375



7, 9.138, 199.093

Inverse Universe

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



57, 24.048, 22.101



69, 36.253, 23.024



64, 19.901, 69.750



35, 3.911, 19.906



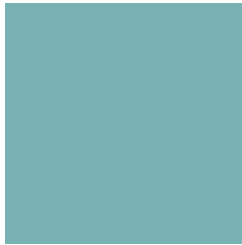
31, 70.928, 39.523



2, 9.156, 19.400

Previews

White Background



This preview shows how the CIE LCh color 69, 19.354, 197.854 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, 19.354, 197.854 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

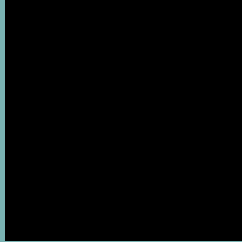
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

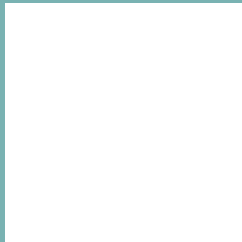
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 19.354, 197.854

Background



This preview shows how black text looks on a background with the CIELCh color 69, 19.354, 197.854.



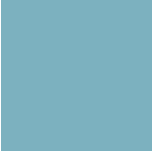
This preview shows how white text looks on a background with the CIELCh color 69, 19.354, 197.854.

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, 18.796, 222.476

Trichromacy



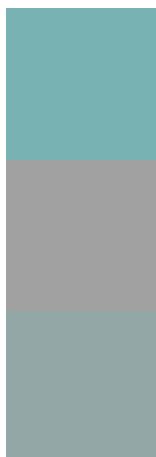
Original Color
69, 19.354, 197.854

Protanomaly
69, 7.064, 212.451

Deuteranomaly
69, 7.797, 257.223

Tritanomaly
69, 18.701, 211.699

Monochromacy



Original Color
69, 19.354, 197.854

Achromatopsia
66, 0.008, 296.813

Achromatomaly
67, 7.343, 198.835

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 19.354, 197.854 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, 178)` looks like.

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

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, 178) colored shadow looks like.

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

Border

The CSS property to change the border of an element to CIELCh 69, 19.354, 197.854 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, 178) }
```

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

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

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, 178)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to CIELCh 69, 19.354, 197.854 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, 178) }
```

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

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

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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