

Converting Colors

CIELCh(65, 11.968, 1.709)

Have a look what the booklet for
CIELCh(65, 11.968, 1.709) contains.

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Color

CIELCh(65, 11.969, 1.713)

Conversions

Conversions Part 1

Format	Color
Hex	B3969D
RGB	179, 150, 157
RGB Percent	70%, 59%, 62%
CMY	0.2962, 0.4100, 0.3825
CMYK	0.00, 0.16, 0.12, 0.30
HSL	346°, 16%, 65%
HSV	346°, 16%, 70%
XYZ	35.8028, 34.0472, 36.7874
YIQ	159.4690, 15.0370, 8.3250

Conversions

Conversions Part 2

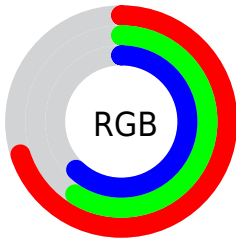
Format	Color
RYB	179, 150, 157
Decimal	11769501
CIELab	65.00, 11.96, 0.36
CIElCh	65, 11.969, 1.713
Yxy	34.0472, 0.3357, 0.3193
Android (android.graphics.Color)	4289959581 (0xFFB3969D)
YUV	159.4690, -1.2172, 17.1287
Hunter-Lab	58.3500, 7.4128, 3.4649

Details

The CIELCh color $65, 11.969, 1.713$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $71, 11.315, 178.715$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 12.164, 0.188$, and $45, 12.080, 0.950$ is the 20% darker color. If you saturate the color by 10%, you get $60, 19.782, 2.945$, and if you desaturate by 10%, it is $70, 4.460, 0.623$.

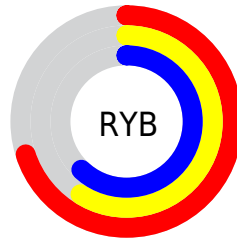
Distribution



Red (70%)

Green (59%)

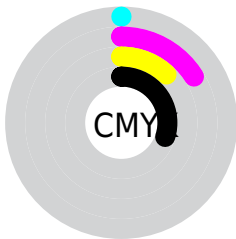
Blue (62%)



Red (70%)

Yellow (59%)

Blue (62%)

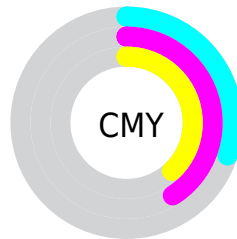


Cyan (0%)

Magenta (16%)

Yellow (12%)

Black (30%)



Cyan (30%)

Magenta (41%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 11.969, 1.713 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 65, 11.969, 1.713 by changing the saturation by 10% instead.

 65, 11.969, 1.713  65, 11.969, 1.713

 100, 11.969, 1.713  55, 11.969, 1.713

 85, 11.969, 1.713  45, 11.969, 1.713


 95, 11.969, 1.713  35, 11.969, 1.713

 25, 11.969, 1.713

 15, 11.969, 1.713

 5, 11.969, 1.713

 0, 11.969, 1.713

 65, 11.969, 1.713  65, 11.969, 1.713

 60, 19.782, 2.945  70, 4.460, 0.623

56, 27.811, 4.400

75, 2.698, 180.004

51, 35.892, 6.171

80, 9.498, 179.099

47, 43.779, 8.370

85, 15.951,
178.383

44, 51.155, 11.137

91, 22.081,
177.752

41, 57.701, 14.633

39, 63.214, 18.977

95, 26.384,
179.706

38, 67.760, 24.120

95, 24.306,
195.199

38, 69.493, 26.069

95, 24.137,
197.929

Harmonies

Complementary

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



65, 11.969, 1.713



71, 11.315, 178.715

Rectangle

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



65, 11.969, 1.713



65, 11.969, 51.713



65, 11.969, 181.713



65, 11.969, 231.713

Sweetspot

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



65, 11.967, 1.719



89, 4.445, 0.498



65, 18.097, 317.972



47, 3.062, 0.579



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



65, 11.967, 1.719



80, 17.453, 2.085



67, 9.537, 44.727



35, 4.108, 0.967



32, 61.435, 25.287



2, 9.518, 4.297

Inverse Universe

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



65, 11.967, 1.719



80, 17.453, 2.085



69, 8.648, 226.401



35, 4.108, 0.967



32, 61.435, 25.287



2, 9.518, 4.297

Previews

White Background



This preview shows how the CIELCh color 65, 11.969, 1.713 looks on a white background.

Color Contrast Check

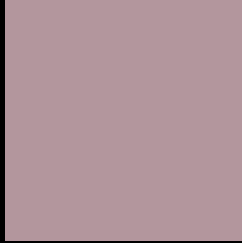
Large Text (above 18pt) WCAG AA × Fail

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 65, 11.969, 1.713 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

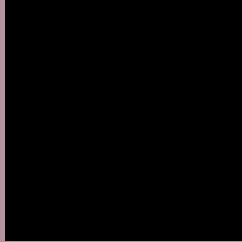
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 11.969, 1.713

Background



This preview shows how black text looks on a background with the CIELCh color 65, 11.969, 1.713.



This preview shows how white text looks on a background with the CIELCh color 65, 11.969, 1.713.

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

65, 11.969, 1.713

Protanopia

65, 2.517, 317.332

Deuteranopia

65, 8.093, 4.279



Tritanopia
65, 13.119, 353.076

Trichromacy



Original Color
65, 11.969, 1.713

Protanomaly
65, 5.399, 348.956

Deuteranomaly
65, 9.380, 3.144

Tritanomaly
65, 12.893, 355.285

Monochromacy



Original Color
65, 11.969, 1.713

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 4.014, 3.677

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 11.969, 1.713 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(179, 150, 157)` looks like.

```
.text, #text, p{  
    color:rgb(179, 150, 157)  
}
```

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(179, 150, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 150, 157) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 11.969, 1.713 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(179, 150, 157) }
```

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

```
.border{ border-color:rgb(179, 150, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 150, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 150, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 150, 157);  
box-shadow:4px 4px 4px 4px rgb(179, 150,  
157) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 11.969, 1.713 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 150, 157) }
```

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

```
.background{ background-color: rgb(179,  
150, 157) }
```

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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