

Converting Colors

CIELCh(65, 5.474, 19.004)

Have a look what the booklet for
CIELCh(65, 5.474, 19.004) contains.

CIELCh(65, 5.449, 19.828)	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(65, 5.449, 19.828)

Conversions

Conversions Part 1

Format	Color
Hex	A99B9B
RGB	169, 155, 155
RGB Percent	66%, 61%, 61%
CMY	0.3389, 0.3938, 0.3938
CMYK	0.00, 0.08, 0.08, 0.34
HSL	0°, 7%, 63%
HSV	0°, 8%, 66%
XYZ	33.8072, 34.0472, 35.6191
YIQ	159.1860, 8.3440, 2.9680

Conversions

Conversions Part 2

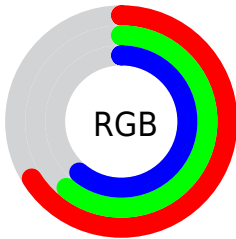
Format	Color
RYB	169, 155, 155
Decimal	11115419
CIELab	65.00, 5.13, 1.85
CIElCh	65, 5.449, 19.828
Yxy	34.0472, 0.3267, 0.3290
Android (android.graphics.Color)	4289305499 (0xFFA99B9B)
YUV	159.1860, -2.0637, 8.6069
Hunter-Lab	58.3500, 1.3081, 4.6520

Details

The CIELCh color **65, 5.449, 19.828** is a light color, and the websafe version is hex **999999**. A complement of this color would be **68, 5.175, 199.070**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 5.508, 19.712**, and **45, 5.461, 20.021** is the 20% darker color. If you saturate the color by 10%, you get **60, 12.486, 20.662**, and if you desaturate by 10%, it is **70, 1.071, 199.790**.

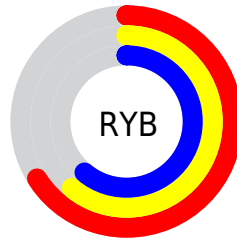
Distribution



Red (66%)

Green (61%)

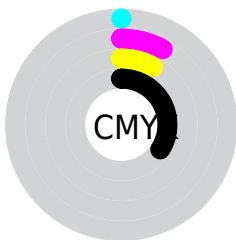
Blue (61%)



Red (66%)

Yellow (61%)

Blue (61%)

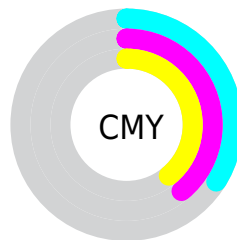


Cyan (0%)

Magenta (8%)

Yellow (8%)

Black (34%)



Cyan (34%)

Magenta (39%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 5.449, 19.828 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, 5.449, 19.828 by changing the saturation by 10% instead.

 65, 5.449, 19.828  65, 5.449, 19.828

 100, 5.449, 19.828  55, 5.449, 19.828

 85, 5.449, 19.828  45, 5.449, 19.828

 95, 5.449, 19.828  35, 5.449, 19.828

 25, 5.449, 19.828

 15, 5.449, 19.828

 5, 5.449, 19.828

 0, 5.449, 19.828

 65, 5.449, 19.828  65, 5.449, 19.828

 60, 12.486, 20.662  70, 1.071, 199.790

55, 20.054, 21.669

75, 7.106, 198.933

51, 28.124, 22.967

80, 12.702,
198.527

47, 36.607, 24.655

85, 17.906,
198.213

43, 45.336, 26.839

40, 54.062, 29.604

90, 22.766,
197.961

38, 62.440, 32.916

95, 27.136,
197.745

36, 69.889, 36.425

35, 75.602, 39.394

Harmonies

Complementary

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



65, 5.449, 19.828



68, 5.175, 199.070

Rectangle

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



65, 5.449, 19.828



65, 5.449, 69.828



65, 5.449, 199.828



65, 5.449, 249.828

Sweetspot

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



65, 5.448, 19.845



86, 1.588, 19.170



65, 9.438, 324.865



46, 0.901, 19.141



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



65, 5.448, 19.845



81, 8.189, 19.992



67, 4.704, 74.360



33, 3.723, 19.922



30, 69.024, 39.362



1, 6.571, 19.419

Inverse Universe

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



68, 5.175, 199.070



86, 7.687, 198.955



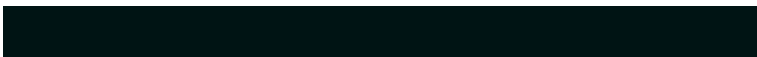
66, 4.619, 256.538



35, 3.515, 199.008



55, 33.378, 196.416



5, 6.570, 199.445

Previews

White Background



This preview shows how the CIELCh color 65, 5.449, 19.828 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 65, 5.449, 19.828 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

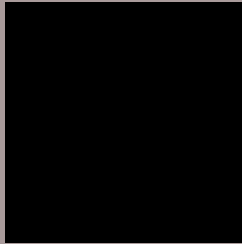
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 5.449, 19.828

Background



This preview shows how black text looks on a background with the CIELCh color 65, 5.449, 19.828.



This preview shows how white text looks on a background with the CIELCh color 65, 5.449, 19.828.

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, 5.449, 19.828

Protanopia

65, 1.629, 39.131

Deuteranopia

65, 8.287, 12.489



Tritanopia
65, 9.327, 334.686

Trichromacy



Original Color
65, 5.449, 19.828

Protanomaly
65, 3.141, 29.688

Deuteranomaly
65, 7.049, 15.516

Tritanomaly
65, 6.970, 346.184

Monochromacy



Original Color
65, 5.449, 19.828

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 1.922, 19.342

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 5.449, 19.828 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(169, 155, 155)` looks like.

```
.text, #text, p{  
    color:rgb(169, 155, 155)  
}
```

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(169, 155, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 155, 155) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 5.449, 19.828 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(169, 155, 155) }
```

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

```
.border{ border-color:rgb(169, 155, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 155, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 155, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 155, 155);  
box-shadow:4px 4px 4px 4px rgb(169, 155,  
155) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 5.449, 19.828 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 155, 155) }
```

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

```
.background{ background-color: rgb(169,  
155, 155) }
```

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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