

Converting Colors

CIELCh(69, 13.146, 18.634)

Have a look what the booklet for
CIELCh(69, 13.146, 18.634) contains.

CIELCh(69, 13.355, 18.268)	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, 13.355, 18.268)

Conversions

Conversions Part 1

Format	Color
Hex	C2A0A1
RGB	194, 160, 161
RGB Percent	76%, 63%, 63%
CMY	0.2380, 0.3713, 0.3674
CMYK	0.00, 0.18, 0.17, 0.24
HSL	358°, 22%, 70%
HSV	358°, 18%, 76%
XYZ	41.4149, 39.3444, 39.2721
YIQ	170.2800, 19.9430, 7.5190

Conversions

Conversions Part 2

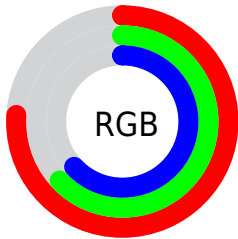
Format	Color
RYB	194, 160, 161
Decimal	12755105
CIELab	69.00, 12.68, 4.19
CIELCh	69, 13.355, 18.268
Yxy	39.3444, 0.3450, 0.3278
Android (android.graphics.Color)	4290945185 (0xFFC2A0A1)
YUV	170.2800, -4.5750, 20.8024
Hunter-Lab	62.7251, 8.0875, 6.7862

Details

The CIELCh color **69, 13.355, 18.268** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **76, 11.999, 195.948**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 13.325, 18.123**, and **49, 13.570, 16.157** is the 20% darker color. If you saturate the color by 10%, you get **64, 21.758, 19.347**, and if you desaturate by 10%, it is **74, 5.514, 17.387**.

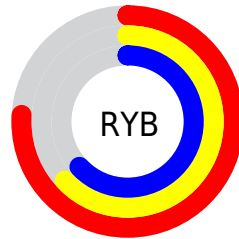
Distribution



Red (76%)

Green (63%)

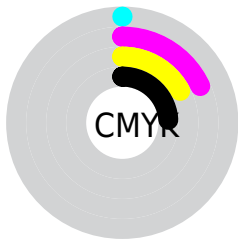
Blue (63%)



Red (76%)

Yellow (63%)

Blue (63%)

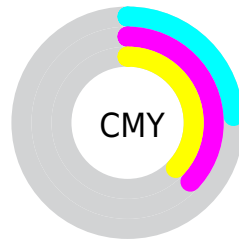


Cyan (0%)

Magenta (18%)

Yellow (17%)

Black (24%)



Cyan (24%)

Magenta (37%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 13.355, 18.268 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, 13.355, 18.268 by changing the saturation by 10% instead.

69, 13.355, 18.268

69, 13.355, 18.268

100, 13.355,
18.268

59, 13.355, 18.268

89, 13.355, 18.268

49, 13.355, 18.268

99, 13.355, 18.268

39, 13.355, 18.268

29, 13.355, 18.268

19, 13.355, 18.268

9, 13.355, 18.268

0, 13.355, 18.268

69, 13.355, 18.268

69, 13.355, 18.268

64, 21.758, 19.347

74, 5.514, 17.387

■ 59, 30.689, 20.708

■ 80, 1.767, 197.125

■ 54, 40.036, 22.463

■ 86, 8.524, 196.348

■ 50, 49.605, 24.725

■ 91, 14.803,
195.881

■ 46, 59.117, 27.597

■ 96, 19.818,
198.199

■ 44, 68.218, 31.089

■ 42, 76.407, 34.940

■ 41, 82.674, 38.279

■ 40, 83.955, 38.886

Harmonies

Complementary

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



69, 13.355, 18.268



76, 11.999, 195.948

Rectangle

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



69, 13.355, 18.268



69, 13.355, 68.268



69, 13.355, 198.268



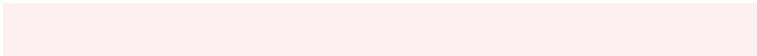
69, 13.355, 248.268

Sweetspot

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



69, 13.353, 18.276



96, 4.505, 17.165



70, 22.212, 324.454



51, 3.107, 17.234



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



69, 13.353, 18.276



85, 20.098, 18.658



73, 11.180, 69.647



38, 4.187, 17.548



33, 72.574, 38.537



3, 14.010, 17.804

Inverse Universe

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



69, 13.353, 18.276



85, 20.098, 18.658



72, 10.585, 254.110



38, 4.187, 17.548



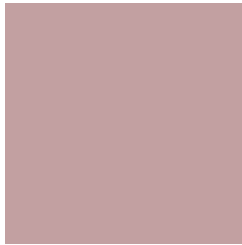
33, 72.574, 38.537



3, 14.010, 17.804

Previews

White Background



This preview shows how the CIELCh color 69, 13.355, 18.268 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, 13.355, 18.268 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

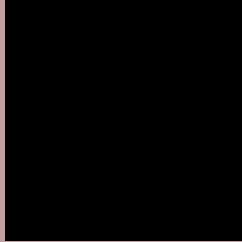
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 13.355, 18.268

Background



This preview shows how black text looks on a background with the CIELCh color 69, 13.355, 18.268.



This preview shows how white text looks on a background with the CIELCh color 69, 13.355, 18.268.

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

69, 13.355, 18.268

Protanopia

69, 2.227, 66.707

Deuteranopia

69, 9.838, 26.573



Tritanopia
69, 15.644, 356.159

Trichromacy



Original Color
69, 13.355, 18.268

Protanomaly
69, 5.808, 25.224

Deuteranomaly
69, 10.979, 23.186

Tritanomaly
69, 14.603, 3.402

Monochromacy



Original Color
69, 13.355, 18.268

Achromatopsia
70, 0.009, 296.813

Achromatomaly
69, 4.593, 19.704

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 13.355, 18.268 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(194, 160, 161)` looks like.

```
.text, #text, p{  
    color:rgb(194, 160, 161)  
}
```

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(194, 160, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 160, 161) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 13.355, 18.268 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(194, 160, 161) }
```

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

```
.border{ border-color:rgb(194, 160, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 160, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 160, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 160, 161);  
box-shadow:4px 4px 4px 4px rgb(194, 160,  
161) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 13.355, 18.268 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 160, 161) }
```

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

```
.background{ background-color: rgb(194,  
160, 161) }
```

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