

Converting Colors

CIELCh(66, 5.434, 46.044)

Have a look what the booklet for
CIELCh(66, 5.434, 46.044) contains.

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Color

CIELCh(66, 5.172, 44.934)

Conversions

Conversions Part 1

Format	Color
Hex	AA9E9A
RGB	170, 158, 154
RGB Percent	67%, 62%, 60%
CMY	0.3334, 0.3804, 0.3961
CMYK	0.00, 0.07, 0.09, 0.33
HSL	15°, 9%, 64%
HSV	15°, 9%, 67%
XYZ	34.6285, 35.3238, 35.5567
YIQ	161.1320, 8.4360, 1.3000

Conversions

Conversions Part 2

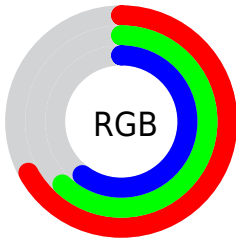
Format	Color
RYB	170, 159, 154
Decimal	11181722
CIELab	66.00, 3.66, 3.65
CIElCh	66, 5.172, 44.934
Yxy	35.3238, 0.3282, 0.3348
Android (android.graphics.Color)	4289371802 (0xFFAA9E9A)
YUV	161.1320, -3.5161, 7.7772
Hunter-Lab	59.4338, -0.0082, 6.1330

Details

The CIELCh color **66, 5.172, 44.934** is a light color, and the websafe version is hex **999999**. A complement of this color would be **67, 4.898, 226.019**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 5.118, 50.246**, and **46, 5.210, 46.784** is the 20% darker color. If you saturate the color by 10%, you get **62, 11.095, 44.656**, and if you desaturate by 10%, it is **70, 0.314, 226.960**.

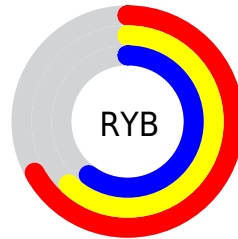
Distribution



Red (67%)

Green (62%)

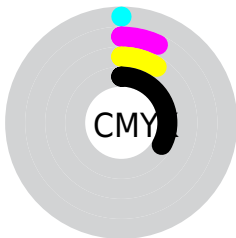
Blue (60%)



Red (67%)

Yellow (62%)

Blue (60%)

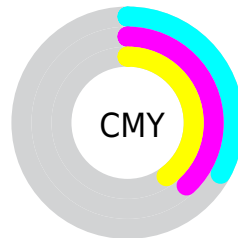


Cyan (0%)

Magenta (7%)

Yellow (9%)

Black (33%)



Cyan (33%)

Magenta (38%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 5.172, 44.934 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 66, 5.172, 44.934 by changing the saturation by 10% instead.

 66, 5.172, 44.934  66, 5.172, 44.934


 100, 5.172, 44.934  56, 5.172, 44.934

 86, 5.172, 44.934  46, 5.172, 44.934

 96, 5.172, 44.934  36, 5.172, 44.934

 26, 5.172, 44.934

 16, 5.172, 44.934

 6, 5.172, 44.934

 0, 5.172, 44.934

 66, 5.172, 44.934  66, 5.172, 44.934

 62, 11.095, 44.656  70, 0.314, 226.960

59, 17.498, 44.419

74, 5.405, 226.031

55, 24.411, 44.299

78, 10.146,
226.500

52, 31.844, 44.328

82, 14.580,
227.019

48, 39.763, 44.524

45, 48.056, 44.874

85, 18.743,
227.556

43, 56.449, 45.289

89, 22.484,
226.873

40, 64.317, 45.496

38, 71.006, 45.395

93, 24.460,
207.486

95, 26.758,
197.768

Harmonies

Complementary

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



66, 5.172, 44.934



67, 4.898, 226.019

Rectangle

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



66, 5.172, 44.934



66, 5.172, 94.934



66, 5.172, 224.934



66, 5.172, 274.934

Sweetspot

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



66, 5.171, 44.957



87, 1.996, 45.023



65, 9.056, 332.910



46, 1.530, 45.049



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



66, 5.171, 44.957



83, 7.558, 44.903



68, 6.752, 96.118



34, 3.082, 44.961



33, 64.089, 45.676



2, 5.526, 41.264

Inverse Universe

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



67, 4.898, 226.019



85, 7.079, 226.113



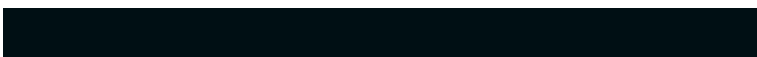
65, 6.803, 278.403



34, 2.922, 226.013



43, 30.344, 245.387



4, 5.382, 234.009

Previews

White Background



This preview shows how the CIELCh color 66, 5.172, 44.934 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 66, 5.172, 44.934 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

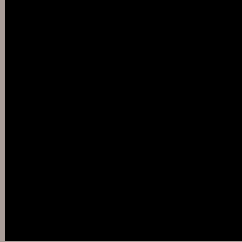
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 5.172, 44.934

Background



This preview shows how black text looks on a background with the CIELCh color 66, 5.172, 44.934.



This preview shows how white text looks on a background with the CIELCh color 66, 5.172, 44.934.

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


66, 5.172, 44.934

Protanopia

66, 3.356, 74.604

Deuteranopia

66, 9.029, 20.197



Tritanopia
66, 9.035, 332.903

Trichromacy



Original Color
66, 5.172, 44.934

Protanomaly
66, 3.798, 55.028

Deuteranomaly
66, 7.459, 24.257

Tritanomaly
66, 6.328, 348.340

Monochromacy



Original Color
66, 5.172, 44.934

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 1.881, 55.190

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 5.172, 44.934 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(170, 158, 154)` looks like.

```
.text, #text, p{  
    color:rgb(170, 158, 154)  
}
```

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(170, 158, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 158, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 5.172, 44.934 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(170, 158, 154) }
```

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

```
.border{ border-color:rgb(170, 158, 154) }
```

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

Here you see how a box with a 4 pixel rgb(170, 158, 154) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 158, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 158, 154);  
box-shadow:4px 4px 4px 4px rgb(170, 158,  
154) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 5.172, 44.934 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 158, 154) }
```

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

```
.background{ background-color: rgb(170,  
158, 154) }
```

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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