

Converting Colors

CIELCh(66, 9.770, 4.481)

Have a look what the booklet for
CIELCh(66, 9.770, 4.481) contains.

CIELCh(66, 10.115, 4.543)	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(66, 10.115, 4.543)

Conversions

Conversions Part 1

Format	Color
Hex	B39A9F
RGB	179, 154, 159
RGB Percent	70%, 60%, 62%
CMY	0.2970, 0.3951, 0.3755
CMYK	0.00, 0.14, 0.11, 0.30
HSL	348°, 14%, 65%
HSV	348°, 14%, 70%
XYZ	36.5304, 35.3238, 37.8115
YIQ	162.0450, 13.2950, 6.8550

Conversions

Conversions Part 2

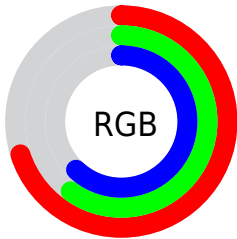
Format	Color
RYB	179, 154, 159
Decimal	11770527
CIELab	66.00, 10.08, 0.80
CIElCh	66, 10.115, 4.543
Yxy	35.3238, 0.3331, 0.3221
Android (android.graphics.Color)	4289960607 (0xFFB39A9F)
YUV	162.0450, -1.5012, 14.8695
Hunter-Lab	59.4338, 5.7040, 3.8837

Details

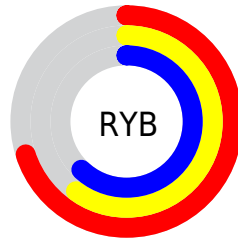
The CIELCh color $66, 10.115, 4.543$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $71, 9.575, 182.070$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $86, 10.403, 2.628$, and $46, 10.072, 3.661$ is the 20% darker color. If you saturate the color by 10%, you get $61, 17.793, 5.734$, and if you desaturate by 10%, it is $71, 2.790, 3.443$.

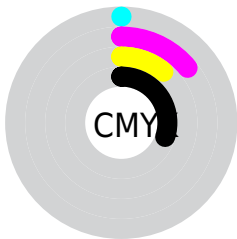
Distribution



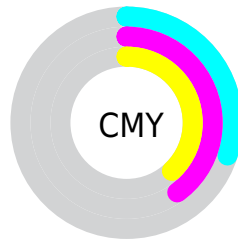
- Red (70%)
- Green (60%)
- Blue (62%)



- Red (70%)
- Yellow (60%)
- Blue (62%)



- Cyan (0%)
- Magenta (14%)
- Yellow (11%)
- Black (30%)



- Cyan (30%)
- Magenta (40%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 10.115, 4.543 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, 10.115, 4.543 by changing the saturation by 10% instead.

■ 66, 10.115, 4.543

■ 66, 10.115, 4.543

■ 100, 10.115, 4.543

■ 56, 10.115, 4.543

■ 86, 10.115, 4.543

■ 46, 10.115, 4.543

■ 96, 10.115, 4.543

■ 36, 10.115, 4.543

■ 26, 10.115, 4.543

■ 16, 10.115, 4.543

■ 6, 10.115, 4.543

■ 0, 10.115, 4.543

■ 66, 10.115, 4.543

■ 66, 10.115, 4.543

■ 61, 17.793, 5.734

■ 71, 2.790, 3.443

56, 25.763, 7.141

76, 4.152, 182.877

52, 33.889, 8.859

81, 10.717,
182.068

48, 41.960, 10.997

86, 16.925,
181.398

44, 49.691, 13.692

41, 56.772, 17.093

92, 22.804,
180.808

39, 62.971, 21.311

95, 25.292,
186.423

38, 68.246, 26.294

37, 71.260, 29.332

95, 24.195,
197.926

Harmonies

Complementary

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



66, 10.115, 4.543



71, 9.575, 182.070

Rectangle

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



66, 10.115, 4.543



66, 10.115, 54.543



66, 10.115, 184.543



66, 10.115, 234.543

Sweetspot

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



66, 10.113, 4.550



90, 3.488, 3.459



66, 15.779, 319.410



48, 2.503, 3.554



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



66, 10.113, 4.550



81, 15.332, 4.926



68, 8.033, 50.620



35, 4.043, 4.051



32, 62.999, 28.582



2, 9.411, 6.790

Inverse Universe

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



66, 10.113, 4.550



81, 15.332, 4.926



69, 7.441, 232.714



35, 4.043, 4.051



32, 62.999, 28.582



2, 9.411, 6.790

Previews

White Background



This preview shows how the CIELCh color 66, 10.115, 4.543 looks on a white background.

Color Contrast Check

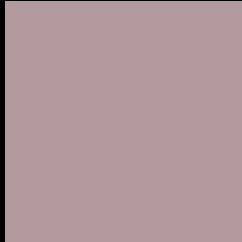
Large Text (above 18pt) WCAG AA × Fail

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 66, 10.115, 4.543 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

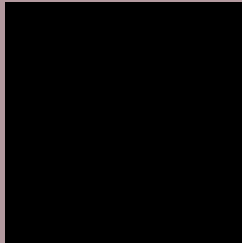
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 10.115, 4.543

Background



This preview shows how black text looks on a background with the CIELCh color 66, 10.115, 4.543.



This preview shows how white text looks on a background with the CIELCh color 66, 10.115, 4.543.

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, 10.115, 4.543

Protanopia

66, 1.605, 335.604

Deuteranopia

66, 8.452, 5.042



Tritanopia
66, 12.323, 348.068

Trichromacy



Original Color
66, 10.115, 4.543

Protanomaly
66, 4.551, 358.383

Deuteranomaly
66, 8.833, 5.757

Tritanomaly
66, 11.800, 352.657

Monochromacy



Original Color
66, 10.115, 4.543

Achromatopsia
67, 0.008, 296.813

Achromatomaly
66, 3.635, 1.935

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 10.115, 4.543 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, 154, 159)` looks like.

```
.text, #text, p{  
    color:rgb(179, 154, 159)  
}
```

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, 154, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 154, 159) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 10.115, 4.543 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, 154, 159) }
```

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

```
.border{ border-color:rgb(179, 154, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 154, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(179, 154, 159); -webkit-box-shadow:4px 4px 4px 4px rgb(179, 154, 159); box-shadow:4px 4px 4px 4px rgb(179, 154, 159) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 10.115, 4.543 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 154, 159) }
```

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

```
.background{ background-color: rgb(179,  
154, 159) }
```

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