

Converting Colors

CIELCh(66, 9.738, 14.931)

Have a look what the booklet for
CIELCh(66, 9.738, 14.931) contains.

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Color

CIELCh(66, 9.423, 16.901)

Conversions

Conversions Part 1

Format	Color
Hex	B39B9C
RGB	179, 155, 156
RGB Percent	70%, 61%, 61%
CMY	0.2989, 0.3930, 0.3891
CMYK	0.00, 0.13, 0.13, 0.30
HSL	358°, 14%, 65%
HSV	358°, 13%, 70%
XYZ	36.2096, 35.3238, 36.2689
YIQ	162.2900, 13.9830, 5.3990

Conversions

Conversions Part 2

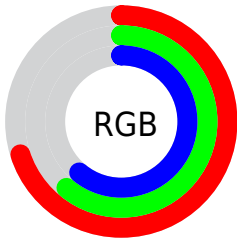
Format	Color
RYB	179, 155, 156
Decimal	11770780
CIELab	66.00, 9.02, 2.74
CIELCh	66, 9.423, 16.901
Yxy	35.3238, 0.3359, 0.3277
Android (android.graphics.Color)	4289960860 (0xFFB39B9C)
YUV	162.2900, -3.1010, 14.6547
Hunter-Lab	59.4338, 4.7406, 5.4226

Details

The CIELCh color $66, 9.423, 16.901$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $71, 8.713, 195.150$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $86, 9.625, 16.966$, and $46, 9.329, 16.931$ is the 20% darker color. If you saturate the color by 10%, you get $61, 17.042, 17.909$, and if you desaturate by 10%, it is $71, 2.315, 15.969$.

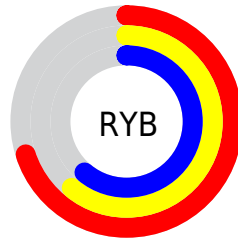
Distribution



Red (70%)

Green (61%)

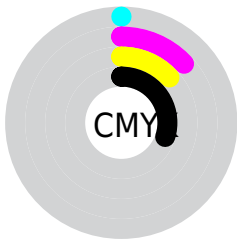
Blue (61%)



Red (70%)

Yellow (61%)

Blue (61%)

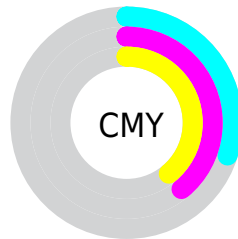


Cyan (0%)

Magenta (13%)

Yellow (13%)

Black (30%)



Cyan (30%)

Magenta (39%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 9.423, 16.901 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, 9.423, 16.901 by changing the saturation by 10% instead.

 66, 9.423, 16.901  66, 9.423, 16.901

 100, 9.423, 16.901  56, 9.423, 16.901

 86, 9.423, 16.901  46, 9.423, 16.901


 96, 9.423, 16.901  36, 9.423, 16.901

 26, 9.423, 16.901

 16, 9.423, 16.901

 6, 9.423, 16.901

 0, 9.423, 16.901

 66, 9.423, 16.901  66, 9.423, 16.901

 61, 17.042, 17.909  71, 2.315, 15.969

56, 25.156, 19.152

76, 4.293, 195.673

52, 33.690, 20.738

82, 10.438,
195.086

48, 42.495, 22.775

87, 16.163,
194.638

44, 51.343, 25.379

41, 59.943, 28.624

92, 21.514,
194.266

39, 67.944, 32.428

95, 24.330,
197.917

38, 74.765, 36.319

37, 78.283, 38.280

Harmonies

Complementary

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



66, 9.423, 16.901



71, 8.713, 195.150

Rectangle

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



66, 9.423, 16.901



66, 9.423, 66.901



66, 9.423, 196.901



66, 9.423, 246.901

Sweetspot

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



66, 9.421, 16.911



89, 3.356, 16.050



67, 15.807, 323.768



48, 2.411, 16.132



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, 9.421, 16.911



82, 14.031, 17.176



69, 7.860, 68.259



35, 3.913, 16.547



31, 69.395, 37.844



2, 9.171, 16.735

Inverse Universe

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



66, 9.421, 16.911



82, 14.031, 17.176



68, 7.522, 251.552



35, 3.913, 16.547



31, 69.395, 37.844



2, 9.171, 16.735

Previews

White Background



This preview shows how the CIELCh color 66, 9.423, 16.901 looks on a white background.

Color Contrast Check

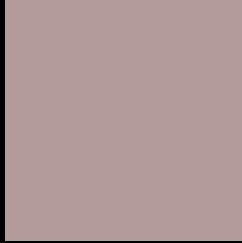
Large Text (above 18pt) WCAG AA × Fail

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, 9.423, 16.901 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, 9.423, 16.901

Background



This preview shows how black text looks on a background with the CIELCh color 66, 9.423, 16.901.



This preview shows how white text looks on a background with the CIELCh color 66, 9.423, 16.901.

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, 9.423, 16.901

Protanopia

66, 1.623, 39.127

Deuteranopia

66, 9.024, 16.711



Tritanopia
66, 12.323, 348.068

Trichromacy



Original Color
66, 9.423, 16.901

Protanomaly
66, 4.252, 19.686

Deuteranomaly
66, 9.024, 16.711

Tritanomaly
66, 10.990, 356.791

Monochromacy



Original Color
66, 9.423, 16.901

Achromatopsia
67, 0.008, 296.813

Achromatomaly
66, 3.508, 10.549

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 9.423, 16.901 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, 155, 156)` looks like.

```
.text, #text, p{  
    color:rgb(179, 155, 156)  
}
```

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, 155, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 155, 156) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 9.423, 16.901 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, 155, 156) }
```

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

```
.border{ border-color:rgb(179, 155, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 155, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 155, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 155, 156);  
box-shadow:4px 4px 4px 4px rgb(179, 155,  
156) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 9.423, 16.901 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 155, 156) }
```

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

```
.background{ background-color: rgb(179,  
155, 156) }
```

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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