

Converting Colors

CIELCh(67, 9.163, 18.929)

Have a look what the booklet for
CIELCh(67, 9.163, 18.929) contains.

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Color

CIELCh(67, 8.994, 20.181)

Conversions

Conversions Part 1

Format	Color
Hex	B59E9E
RGB	181, 158, 158
RGB Percent	71%, 62%, 62%
CMY	0.2911, 0.3813, 0.3813
CMYK	0.00, 0.13, 0.13, 0.29
HSL	0°, 13%, 66%
HSV	0°, 13%, 71%
XYZ	37.3409, 36.6320, 37.3474
YIQ	164.8770, 13.7080, 4.8760

Conversions

Conversions Part 2

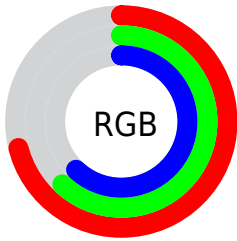
Format	Color
RYB	181, 158, 158
Decimal	11902622
CIELab	67.00, 8.44, 3.10
CIElCh	67, 8.994, 20.181
Yxy	36.6320, 0.3354, 0.3291
Android (android.graphics.Color)	4290092702 (0xFFB59E9E)
YUV	164.8770, -3.3904, 14.1399
Hunter-Lab	60.5244, 4.2092, 5.7813

Details

The CIELCh color $67, 8.994, 20.181$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $72, 8.300, 198.800$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 8.839, 19.990$, and $47, 8.860, 20.448$ is the 20% darker color. If you saturate the color by 10%, you get $62, 16.697, 21.083$, and if you desaturate by 10%, it is $72, 1.850, 19.301$.

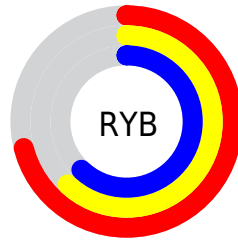
Distribution



Red (71%)

Green (62%)

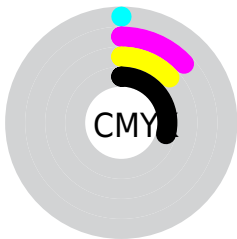
Blue (62%)



Red (71%)

Yellow (62%)

Blue (62%)

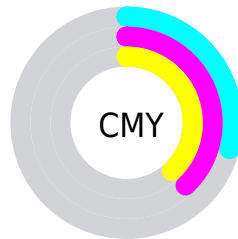


Cyan (0%)

Magenta (13%)

Yellow (13%)

Black (29%)



Cyan (29%)


Magenta (38%)


Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 8.994, 20.181 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 67, 8.994, 20.181 by changing the saturation by 10% instead.

 67, 8.994, 20.181  67, 8.994, 20.181

 100, 8.994, 20.181  57, 8.994, 20.181

 87, 8.994, 20.181  47, 8.994, 20.181

 97, 8.994, 20.181  37, 8.994, 20.181

 27, 8.994, 20.181

 17, 8.994, 20.181

 7, 8.994, 20.181

 0, 8.994, 20.181

 67, 8.994, 20.181  67, 8.994, 20.181

 62, 16.697, 21.083  72, 1.850, 19.301

57, 24.958, 22.218

77, 4.759, 199.159

53, 33.719, 23.691

83, 10.879,
198.682

48, 42.847, 25.608

88, 16.560,
198.332

45, 52.123, 28.073

42, 61.238, 31.133

93, 21.854,
198.055

39, 69.738, 34.634

95, 23.770,
197.952

38, 76.721, 37.949

37, 80.750, 39.986

Harmonies

Complementary

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



67, 8.994, 20.181



72, 8.300, 198.800

Rectangle

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



67, 8.994, 20.181



67, 8.994, 70.181



67, 8.994, 200.181



67, 8.994, 250.181

Sweetspot

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



67, 8.993, 20.192



90, 3.380, 19.475



68, 15.346, 325.115



48, 2.407, 19.550



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



67, 8.993, 20.192



83, 13.237, 20.401



70, 7.710, 73.841



35, 3.910, 19.923



31, 70.929, 39.528



2, 9.155, 19.413

Inverse Universe

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



72, 8.300, 198.800



90, 12.012, 198.663



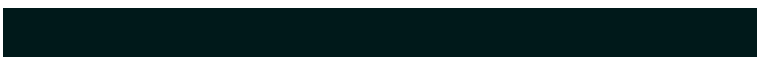
69, 7.474, 257.145



37, 3.690, 198.998



57, 34.220, 196.406



7, 9.136, 199.119

Previews

White Background



This preview shows how the CIELCh color 67, 8.994, 20.181 looks on a white background.

Color Contrast Check

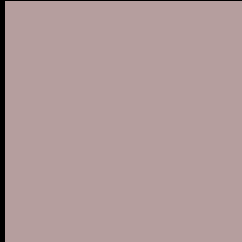
Large Text (above 18pt) WCAG AA × Fail

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 67, 8.994, 20.181 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

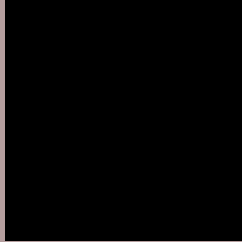
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 8.994, 20.181

Background



This preview shows how black text looks on a background with the CIELCh color 67, 8.994, 20.181.



This preview shows how white text looks on a background with the CIELCh color 67, 8.994, 20.181.

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

67, 8.994, 20.181

Protanopia

67, 2.201, 49.341

Deuteranopia

67, 8.994, 20.181



Tritanopia
67, 11.959, 346.999

Trichromacy



Original Color
67, 8.994, 20.181

Protanomaly
67, 4.671, 26.480

Deuteranomaly
67, 8.994, 20.181

Tritanomaly
67, 10.396, 358.653

Monochromacy



Original Color
67, 8.994, 20.181

Achromatopsia
68, 0.008, 296.813

Achromatomaly
67, 3.455, 19.579

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 8.994, 20.181 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(181, 158, 158)` looks like.

```
.text, #text, p{  
    color:rgb(181, 158, 158)  
}
```

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(181, 158, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 158, 158) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 8.994, 20.181 is called "border". The border property can be set on classes, ids or directly on the HTML element.

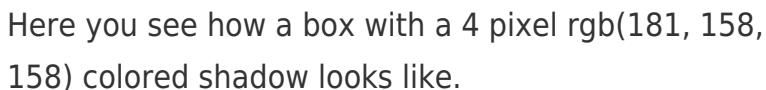
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(181, 158, 158) }
```

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

```
.border{ border-color:rgb(181, 158, 158) }
```

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



Here you see how a box with a 4 pixel `rgb(181, 158, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(181, 158, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(181, 158, 158); box-shadow:4px 4px 4px 4px rgb(181, 158, 158) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 8.994, 20.181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 158, 158) }
```

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

```
.background{ background-color: rgb(181,  
158, 158) }
```

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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