

Converting Colors

CIELCh(67, 8.210, 20.090)

Have a look what the booklet for
CIELCh(67, 8.210, 20.090) contains.

CIELCh(67, 8.197, 20.102)	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(67, 8.197, 20.102)

Conversions

Conversions Part 1

Format	Color
Hex	B39E9E
RGB	179, 158, 158
RGB Percent	70%, 62%, 62%
CMY	0.2970, 0.3794, 0.3794
CMYK	0.00, 0.12, 0.12, 0.30
HSL	0°, 12%, 66%
HSV	0°, 12%, 70%
XYZ	37.1137, 36.6320, 37.5764
YIQ	164.2790, 12.5160, 4.4520

Conversions

Conversions Part 2

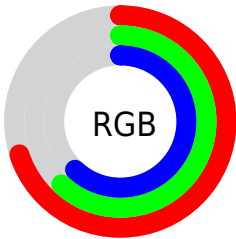
Format	Color
RYB	179, 158, 158
Decimal	11771550
CIELab	67.00, 7.70, 2.82
CIELCh	67, 8.197, 20.102
Yxy	36.6320, 0.3334, 0.3291
Android (android.graphics.Color)	4289961630 (0xFFB39E9E)
YUV	164.2790, -3.0955, 12.9103
Hunter-Lab	60.5244, 3.5392, 5.5570

Details

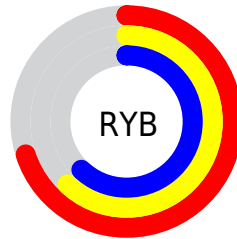
The CIELCh color $67, 8.197, 20.102$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $71, 7.614, 198.860$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 8.091, 19.929$, and $47, 7.998, 20.338$ is the 20% darker color. If you saturate the color by 10%, you get $62, 15.790, 20.986$, and if you desaturate by 10%, it is $72, 1.157, 19.082$.

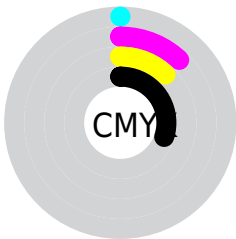
Distribution



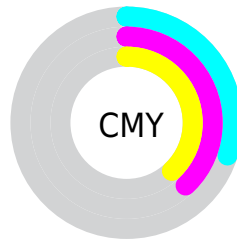
- Red (70%)
- Green (62%)
- Blue (62%)



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



- Cyan (0%)
- Magenta (12%)
- Yellow (12%)
- Black (30%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 8.197, 20.102 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, 8.197, 20.102 by changing the saturation by 10% instead.

 67, 8.197, 20.102  67, 8.197, 20.102

 100, 8.197, 20.102  57, 8.197, 20.102

 87, 8.197, 20.102  47, 8.197, 20.102

 97, 8.197, 20.102  37, 8.197, 20.102


 27, 8.197, 20.102

 17, 8.197, 20.102

 7, 8.197, 20.102

 0, 8.197, 20.102

 67, 8.197, 20.102  67, 8.197, 20.102

 62, 15.790, 20.986  72, 1.157, 19.082

57, 23.940, 22.090

77, 5.356, 199.103

53, 32.595, 23.523

83, 11.389,
198.646

48, 41.632, 25.388

88, 16.991,
198.305

45, 50.843, 27.791

42, 59.930, 30.788

93, 22.214,
198.034

39, 68.466, 34.260

95, 24.196,
197.925

38, 75.630, 37.642

37, 80.240, 39.978

Harmonies

Complementary

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



67, 8.197, 20.102



71, 7.614, 198.860

Rectangle

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



67, 8.197, 20.102



67, 8.197, 70.102



67, 8.197, 200.102



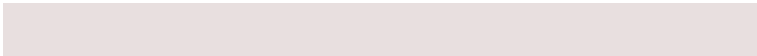
67, 8.197, 250.102

Sweetspot

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



67, 8.196, 20.114



89, 3.350, 19.477



68, 14.035, 325.059



48, 2.407, 19.553



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, 8.196, 20.114



83, 12.196, 20.318



70, 7.038, 73.960



35, 3.910, 19.925



31, 70.928, 39.529



2, 9.155, 19.415

Inverse Universe

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



71, 7.614, 198.860



90, 11.144, 198.721



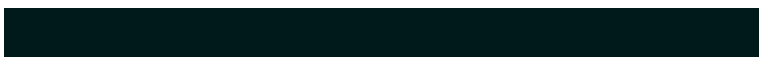
69, 6.842, 257.002



37, 3.690, 199.001



57, 34.218, 196.411



7, 9.135, 199.123

Previews

White Background



This preview shows how the CIELCh color 67, 8.197, 20.102 looks on a white background.

Color Contrast Check

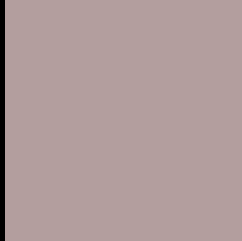
Large Text (above 18pt) WCAG AA × Fail

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, 8.197, 20.102 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

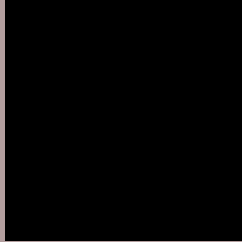
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 8.197, 20.102

Background



This preview shows how black text looks on a background with the CIELCh color 67, 8.197, 20.102.



This preview shows how white text looks on a background with the CIELCh color 67, 8.197, 20.102.

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, 8.197, 20.102

Protanopia

67, 1.986, 35.424

Deuteranopia

67, 8.994, 20.181



Tritanopia
67, 11.314, 344.734

Trichromacy



Original Color
67, 8.197, 20.102

Protanomaly
67, 3.890, 27.750

Deuteranomaly
67, 8.595, 20.142

Tritanomaly
67, 9.893, 353.897

Monochromacy



Original Color
67, 8.197, 20.102

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 2.678, 19.468

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 8.197, 20.102 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, 158, 158)` looks like.

```
.text, #text, p{  
    color:rgb(179, 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(179, 158, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 158, 158) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 8.197, 20.102 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, 158, 158) }
```

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

```
.border{ border-color:rgb(179, 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(179, 158, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 158, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 158, 158);  
box-shadow:4px 4px 4px 4px rgb(179, 158,  
158) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 8.197, 20.102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 158, 158) }
```

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

```
.background{ background-color: rgb(179,  
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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