

Converting Colors

CIELCh(67, 8.788, 24.311)

Have a look what the booklet for
CIELCh(67, 8.788, 24.311) contains.

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Color

CIELCh(67, 8.633, 23.776)

Conversions

Conversions Part 1

Format	Color
Hex	B49E9D
RGB	180, 158, 157
RGB Percent	71%, 62%, 62%
CMY	0.2938, 0.3801, 0.3840
CMYK	0.00, 0.12, 0.13, 0.29
HSL	3°, 13%, 66%
HSV	3°, 13%, 71%
XYZ	37.1755, 36.6320, 37.0459
YIQ	164.4640, 13.4330, 4.3530

Conversions

Conversions Part 2

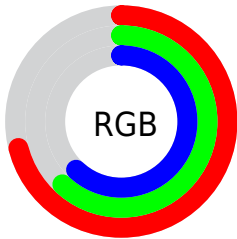
Format	Color
RYB	180, 158, 157
Decimal	11837085
CIELab	67.00, 7.90, 3.48
CIElCh	67, 8.633, 23.776
Yxy	36.6320, 0.3354, 0.3305
Android (android.graphics.Color)	4290027165 (0xFFB49E9D)
YUV	164.4640, -3.6798, 13.6251
Hunter-Lab	60.5244, 3.7214, 6.0766

Details

The CIELCh color $67, 8.633, 23.776$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $71, 7.952, 202.781$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 8.494, 23.464$, and $47, 8.479, 24.347$ is the 20% darker color. If you saturate the color by 10%, you get $62, 16.016, 24.509$, and if you desaturate by 10%, it is $72, 1.801, 23.043$.

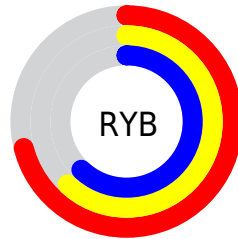
Distribution



Red (71%)

Green (62%)

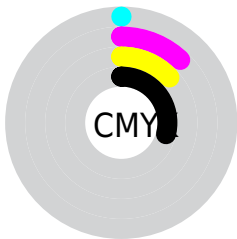
Blue (62%)



Red (71%)

Yellow (62%)

Blue (62%)

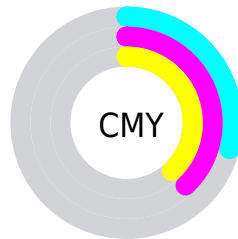


Cyan (0%)

Magenta (12%)

Yellow (13%)

Black (29%)



Cyan (29%)

Magenta (38%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 8.633, 23.776 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, 8.633, 23.776 by changing the saturation by 10% instead.

 67, 8.633, 23.776

 67, 8.633, 23.776

 100, 8.633, 23.776

 57, 8.633, 23.776

 87, 8.633, 23.776

 47, 8.633, 23.776

 97, 8.633, 23.776

 37, 8.633, 23.776

 27, 8.633, 23.776

 17, 8.633, 23.776

 7, 8.633, 23.776

 0, 8.633, 23.776

 67, 8.633, 23.776

 67, 8.633, 23.776

 62, 16.016, 24.509

 72, 1.801, 23.043

57, 23.965, 25.445

77, 4.510, 203.055

53, 32.446, 26.679

82, 10.350,
202.702

49, 41.367, 28.299

87, 15.767,
202.471

45, 50.556, 30.385

42, 59.737, 32.968

92, 20.813,
202.306

40, 68.459, 35.905

95, 23.963,
197.940

38, 75.788, 38.636

38, 79.919, 40.465

Harmonies

Complementary

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



67, 8.633, 23.776



71, 7.952, 202.781

Rectangle

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



67, 8.633, 23.776



67, 8.633, 73.776



67, 8.633, 203.776



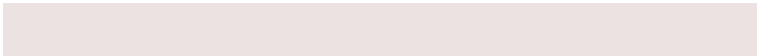
67, 8.633, 253.776

Sweetspot

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



67, 8.632, 23.788



90, 3.237, 23.194



67, 15.020, 326.028



48, 2.305, 23.260



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, 8.632, 23.788



84, 12.693, 23.952



70, 7.895, 77.321



35, 3.747, 23.568



32, 70.335, 40.174



2, 8.853, 22.308

Inverse Universe

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



71, 7.952, 202.781



90, 11.496, 202.687



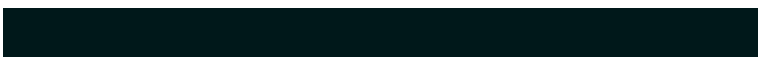
68, 7.704, 260.701



37, 3.533, 202.928



55, 32.297, 203.444



7, 8.563, 205.036

Previews

White Background



This preview shows how the CIELCh color 67, 8.633, 23.776 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, 8.633, 23.776 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

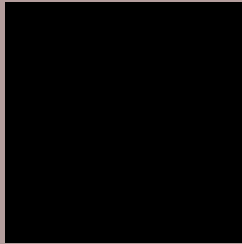
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 8.633, 23.776

Background



This preview shows how black text looks on a background with the CIELCh color 67, 8.633, 23.776.



This preview shows how white text looks on a background with the CIELCh color 67, 8.633, 23.776.

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, 8.633, 23.776

Protanopia

67, 2.201, 49.341

Deuteranopia

67, 9.032, 23.653



Tritanopia
67, 12.258, 344.830

Trichromacy



Original Color
67, 8.633, 23.776

Protanomaly
67, 4.388, 34.170

Deuteranomaly
67, 9.032, 23.653

Tritanomaly
67, 10.243, 354.915

Monochromacy



Original Color
67, 8.633, 23.776

Achromatopsia
68, 0.008, 296.813

Achromatomaly
67, 3.067, 19.527

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 8.633, 23.776 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(180, 158, 157)` looks like.

```
.text, #text, p{  
    color:rgb(180, 158, 157)  
}
```

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(180, 158, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 158, 157) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 8.633, 23.776 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(180, 158, 157) }
```

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

```
.border{ border-color:rgb(180, 158, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 158, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 158, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 158, 157);  
box-shadow:4px 4px 4px 4px rgb(180, 158,  
157) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 8.633, 23.776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 158, 157) }
```

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

```
.background{ background-color: rgb(180,  
158, 157) }
```

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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