

Converting Colors

CIELCh(67, 8.044, 4.246)

Have a look what the booklet for
CIELCh(67, 8.044, 4.246) contains.

CIELCh(67, 8.044, 4.246)	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, 8.044, 4.246)

Conversions

Conversions Part 1

Format	Color
Hex	B29EA2
RGB	178, 158, 162
RGB Percent	70%, 62%, 64%
CMY	0.3011, 0.3796, 0.3639
CMYK	0.00, 0.11, 0.09, 0.30
HSL	348°, 12%, 66%
HSV	348°, 11%, 70%
XYZ	37.2126, 36.6320, 39.3901
YIQ	164.4360, 10.6360, 5.4840

Conversions

Conversions Part 2

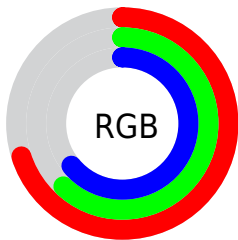
Format	Color
RYB	178, 158, 162
Decimal	11706018
CIELab	67.00, 8.02, 0.60
CIELCh	67, 8.044, 4.246
Yxy	36.6320, 0.3286, 0.3235
Android (android.graphics.Color)	4289896098 (0xFFB29EA2)
YUV	164.4360, -1.2009, 11.8956
Hunter-Lab	60.5244, 3.8308, 3.7803

Details

The CIELCh color $67, 8.044, 4.246$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $71, 7.697, 182.331$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 7.955, 4.745$, and $47, 7.701, 7.087$ is the 20% darker color. If you saturate the color by 10%, you get $62, 15.593, 5.393$, and if you desaturate by 10%, it is $72, 0.857, 2.823$.

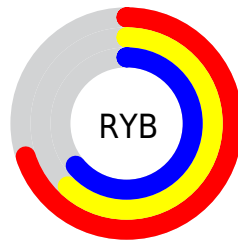
Distribution



Red (70%)

Green (62%)

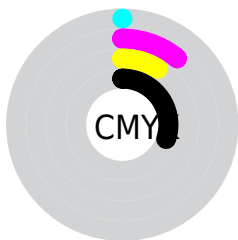
Blue (64%)



Red (70%)

Yellow (62%)

Blue (64%)

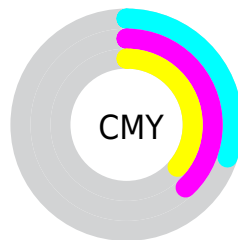


Cyan (0%)

Magenta (11%)

Yellow (9%)

Black (30%)



Cyan (30%)

Magenta (38%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 8.044, 4.246 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, 8.044, 4.246 by changing the saturation by 10% instead.

67, 8.044, 4.246

67, 8.044, 4.246

100, 8.044, 4.246

57, 8.044, 4.246

87, 8.044, 4.246

47, 8.044, 4.246

97, 8.044, 4.246

37, 8.044, 4.246

27, 8.044, 4.246

17, 8.044, 4.246

7, 8.044, 4.246

0, 8.044, 4.246

67, 8.044, 4.246

67, 8.044, 4.246

62, 15.593, 5.393

72, 0.857, 2.823

57, 23.456, 6.730

77, 5.949, 182.633

53, 31.518, 8.352

82, 12.384,
181.878

49, 39.591, 10.361

87, 18.470,
181.232

45, 47.410, 12.887

42, 54.664, 16.079

93, 24.238,
180.660

40, 61.089, 20.065

95, 25.225,
189.316

38, 66.584, 24.856

37, 70.935, 29.307

95, 24.490,
197.907

Harmonies

Complementary

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



67, 8.044, 4.246



71, 7.697, 182.331

Rectangle

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



67, 8.044, 4.246



67, 8.044, 54.246



67, 8.044, 184.246



67, 8.044, 234.246

Sweetspot

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



67, 8.042, 4.255



90, 2.610, 3.313



67, 12.609, 319.286



48, 1.998, 3.432



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, 8.042, 4.255



84, 11.604, 4.471



68, 6.367, 50.770



35, 4.043, 4.052



32, 63.000, 28.583



2, 9.411, 6.791

Inverse Universe

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



67, 8.042, 4.255



84, 11.604, 4.471



70, 5.995, 232.484



35, 4.043, 4.052



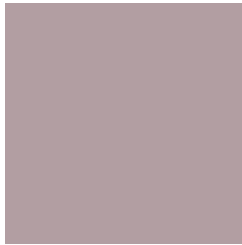
32, 63.000, 28.583



2, 9.411, 6.791

Previews

White Background



This preview shows how the CIELCh color 67, 8.044, 4.246 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, 8.044, 4.246 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

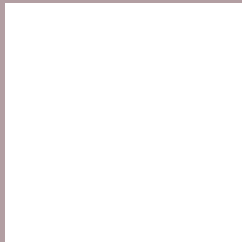
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 8.044, 4.246

Background



This preview shows how black text looks on a background with the CIELCh color 67, 8.044, 4.246.



This preview shows how white text looks on a background with the CIELCh color 67, 8.044, 4.246.

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, 8.044, 4.246

Protanopia

67, 2.265, 332.368

Deuteranopia

67, 8.422, 5.023



Tritanopia
67, 10.703, 342.230

Trichromacy



Original Color

67, 8.044, 4.246

Protanomaly

67, 3.830, 354.063

Deuteranomaly

67, 8.422, 5.023

Tritanomaly

67, 10.080, 347.210

Monochromacy



Original Color

67, 8.044, 4.246

Achromatopsia

68, 0.008, 296.813

Achromatomaly

68, 2.735, 7.880

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 8.044, 4.246 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(178, 158, 162)` looks like.

```
.text, #text, p{  
    color:rgb(178, 158, 162)  
}
```

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(178, 158, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 158, 162) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 8.044, 4.246 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(178, 158, 162) }
```

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

```
.border{ border-color:rgb(178, 158, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 158, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 158, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 158, 162);  
box-shadow:4px 4px 4px 4px rgb(178, 158,  
162) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 8.044, 4.246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 158, 162) }
```

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

```
.background{ background-color: rgb(178,  
158, 162) }
```

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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