

Converting Colors

CIELCh(70, 18.304, 108.353)

Have a look what the booklet for
CIELCh(70, 18.304, 108.353)
contains.

CIELCh(70, 18.457, 108.305)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(70, 18.457, 108.305)

Conversions

Conversions Part 1

Format	Color
Hex	ADAD8B
RGB	173, 173, 139
RGB Percent	68%, 68%, 55%
CMY	0.3207, 0.3207, 0.4541
CMYK	0.00, 0.00, 0.20, 0.32
HSL	60°, 17%, 61%
HSV	60°, 20%, 68%
XYZ	36.9423, 40.7494, 30.4245
YIQ	169.1240, 10.9140, -10.5740

Conversions

Conversions Part 2

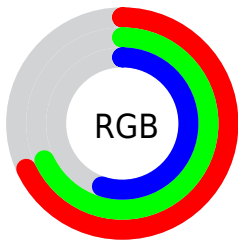
Format	Color
RYB	139, 173, 139
Decimal	11382155
CIELab	70.00, -5.80, 17.52
CIELCh	70, 18.457, 108.305
Yxy	40.7494, 0.3417, 0.3769
Android (android.graphics.Color)	4289572235 (0xFFADAD8B)
YUV	169.1240, -14.8511, 3.3993
Hunter-Lab	63.8353, -8.4114, 16.4265

Details

The CIELCh color $70, 18.457, 108.305$ is a light color, and the websafe version is hex 999966 . A complement of this color would be $59, 19.301, 292.354$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 18.071, 107.492$, and $50, 18.496, 109.090$ is the 20% darker color. If you saturate the color by 10%, you get $70, 27.712, 107.358$, and if you desaturate by 10%, it is $70, 9.081, 109.263$.

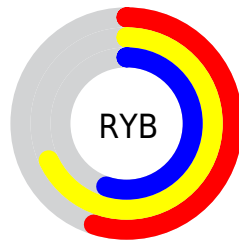
Distribution



Red (68%)

Green (68%)

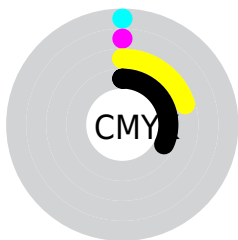
Blue (55%)



Red (55%)

Yellow (68%)

Blue (55%)

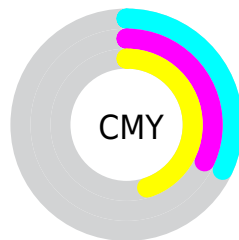


Cyan (0%)

Magenta (0%)

Yellow (20%)

Black (32%)



Cyan (32%)


Magenta (32%)


Yellow (45%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 18.457, 108.305 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 70, 18.457, 108.305 by changing the saturation by 10% instead.


 70, 18.457,
108.305


 70, 18.457,
108.305


 100, 18.457,
108.305


 60, 18.457,
108.305


 90, 18.457,
108.305

 50, 18.457,
108.305

 40, 18.457,
108.305

 30, 18.457,
108.305

 20, 18.457,
108.305

 10, 18.457,
108.305

 0, 18.457, 108.305

70, 18.457,
108.305

70, 18.457,
108.305

70, 27.712,
107.358

70, 9.081, 109.263

69, 36.743,
106.426

71, 0.354, 290.378

71, 9.805, 291.146

69, 45.394,
105.538

72, 19.243,
292.038

69, 53.432,
104.723

72, 28.647,
292.897

69, 60.522,
104.016

73, 38.003,
293.718

69, 66.241,
103.457

74, 44.372,
294.256

69, 70.178,
103.079

74, 44.372,
294.256

69, 72.444,

102.864

■ 74, 44.372,
294.257

■ 69, 72.521,
102.856

Harmonies

Complementary

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



70, 18.457, 108.305



59, 19.301, 292.354

Rectangle

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



70, 18.457, 108.305



70, 18.457, 158.305



70, 18.457, 288.305



70, 18.457, 338.305

Sweetspot

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



70, 18.459, 108.310



89, 6.982, 109.595



61, 13.770, 20.772



47, 4.625, 109.537



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



70, 18.459, 108.310



88, 27.790, 107.853



69, 19.747, 128.192



37, 5.341, 109.294



60, 65.376, 102.856



7, 11.345, 110.180

Inverse Universe

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



59, 19.301, 292.354



72, 29.410, 292.996



60, 20.276, 309.969



33, 5.457, 291.129



17, 90.272, 306.287



1, 11.347, 290.180

Previews

White Background



This preview shows how the CIELCh color 70, 18.457, 108.305 looks on a white background.

Color Contrast Check

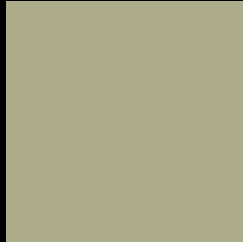
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 70, 18.457, 108.305 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

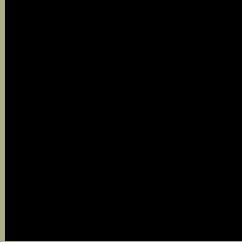
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

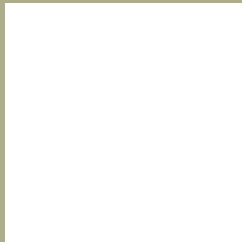
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 18.457, 108.305

Background



This preview shows how black text looks on a background with the CIELCh color 70, 18.457, 108.305.



This preview shows how white text looks on a background with the CIELCh color 70, 18.457, 108.305.

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


70, 18.457, 108.305

Protanopia

70, 18.404, 95.575

Deuteranopia

70, 18.924, 61.396



Tritanopia
70, 8.252, 320.473

Trichromacy



Original Color
70, 18.457, 108.305

Protanomaly
70, 18.626, 100.791

Deuteranomaly
70, 17.323, 77.415

Tritanomaly
70, 3.440, 58.774

Monochromacy



Original Color
70, 18.457, 108.305

Achromatopsia
69, 0.009, 296.813

Achromatomaly
70, 7.092, 109.453

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 18.457, 108.305 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(173, 173, 139)` looks like.

```
.text, #text, p{  
    color:rgb(173, 173, 139)  
}
```

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(173, 173, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 173, 139) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 18.457, 108.305 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(173, 173, 139) }
```

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

```
.border{ border-color:rgb(173, 173, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 173, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 173, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 173, 139);  
box-shadow:4px 4px 4px 4px rgb(173, 173,  
139) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 18.457, 108.305 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 173, 139) }
```

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

```
.background{ background-color: rgb(173,  
173, 139) }
```

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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