

Converting Colors

CIELCh(75, 18.360, 139.730)

Have a look what the booklet for
CIELCh(75, 18.360, 139.730)
contains.

CIELCh(75, 18.767, 139.034)	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(75, 18.767, 139.034)

Conversions

Conversions Part 1

Format	Color
Hex	A7C0A2
RGB	167, 192, 162
RGB Percent	65%, 75%, 64%
CMY	0.3467, 0.2487, 0.3663
CMYK	0.13, 0.00, 0.16, 0.25
HSL	110°, 19%, 69%
HSV	110°, 16%, 75%
XYZ	41.0910, 48.2781, 41.1443
YIQ	181.1050, -5.2700, -14.6300

Conversions

Conversions Part 2

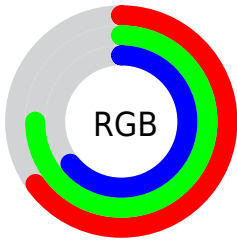
Format	Color
RYB	162, 192, 187
Decimal	10993826
CIELab	75.00, -14.17, 12.30
CIELCh	75, 18.767, 139.034
Yxy	48.2781, 0.3148, 0.3699
Android (android.graphics.Color)	4289183906 (0xFFA7C0A2)
YUV	181.1050, -9.4188, -12.3701
Hunter-Lab	69.4824, -16.0318, 13.5289

Details

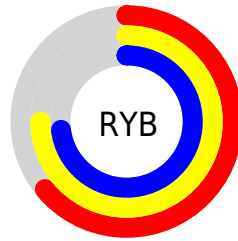
The CIELCh color **75, 18.767, 139.034** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **69, 18.890, 320.497**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 18.490, 139.349**, and **55, 18.567, 138.461** is the 20% darker color. If you saturate the color by 10%, you get **74, 30.816, 138.442**, and if you desaturate by 10%, it is **77, 6.740, 139.571**.

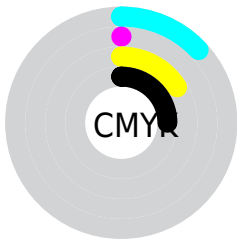
Distribution



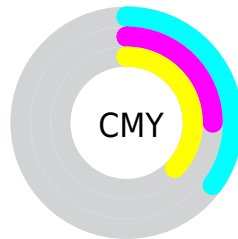
- Red (65%)
- Green (75%)
- Blue (64%)



- Red (64%)
- Yellow (75%)
- Blue (73%)



- Cyan (13%)
- Magenta (0%)
- Yellow (16%)
- Black (25%)





- Cyan (35%)
- Magenta (25%)
- Yellow (37%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 18.767, 139.034 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 75, 18.767, 139.034 by changing the saturation by 10% instead.


 75, 18.767,
139.034


 75, 18.767,
139.034


 100, 18.767,
139.034


 65, 18.767,
139.034


 95, 18.767,
139.034

 55, 18.767,
139.034

 45, 18.767,
139.034

 35, 18.767,
139.034

 25, 18.767,
139.034

 15, 18.767,
139.034

 5, 18.767, 139.034

0, 18.767, 139.034

75, 18.767,
139.034

75, 18.767,
139.034

74, 30.816,
138.442

77, 6.740, 139.571

72, 42.723,
137.782

78, 5.158, 319.946

71, 54.279,
137.069

80, 16.846,
320.358

70, 65.198,
136.337

82, 28.273,
320.691

69, 75.103,
135.651

84, 38.344,
321.880

69, 83.526,
135.116

85, 39.769,
325.805

■ 68, 89.957,
134.859

■ 68, 94.037,
134.975

■ 68, 95.324,
135.037

Harmonies

Complementary

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



75, 18.767, 139.034



69, 18.890, 320.497

Rectangle

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



75, 18.767, 139.034



75, 18.767, 189.034



75, 18.767, 319.034



75, 18.767, 9.034

Sweetspot

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



75, 18.769, 139.035



97, 7.393, 139.602



76, 13.532, 100.598



52, 5.046, 139.564



99, 0.012, 296.813



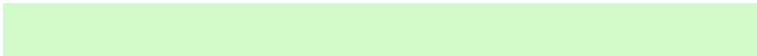
52, 0.007, 296.813

Same Dimension

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



75, 18.769, 139.035



94, 28.300, 138.826



75, 15.585, 154.516



40, 6.840, 139.375



58, 83.546, 134.927



10, 23.221, 140.860

Inverse Universe

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



69, 18.890, 320.497



86, 28.514, 320.666



70, 15.715, 336.763



38, 6.873, 320.204



33, 82.962, 321.957



3, 22.298, 318.953

Previews

White Background



This preview shows how the CIELCh color 75, 18.767, 139.034 looks on a white background.

Color Contrast Check

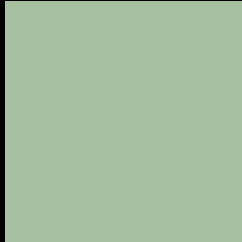
Large Text (above 18pt) WCAG AA × Fail

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 75, 18.767, 139.034 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

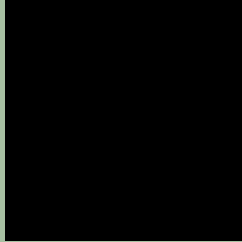
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 18.767, 139.034

Background



This preview shows how black text looks on a background with the CIELCh color 75, 18.767, 139.034.



This preview shows how white text looks on a background with the CIELCh color 75, 18.767, 139.034.

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
75, 18.767, 139.034

Protanopia
75, 14.510, 93.053

Deuteranopia
75, 14.437, 51.468



Tritanopia
75, 9.205, 261.134

Trichromacy



Original Color
75, 18.767, 139.034

Protanomaly
75, 15.063, 113.196

Deuteranomaly
75, 11.580, 87.337

Tritanomaly
75, 6.199, 193.987

Monochromacy



Original Color
75, 18.767, 139.034

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 6.859, 139.112

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 18.767, 139.034 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(167, 192, 162)` looks like.

```
.text, #text, p{  
    color:rgb(167, 192, 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(167, 192, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 192, 162) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 18.767, 139.034 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(167, 192, 162) }
```

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

```
.border{ border-color:rgb(167, 192, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 192, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 192, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 192, 162);  
box-shadow:4px 4px 4px 4px rgb(167, 192,  
162) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 18.767, 139.034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 192, 162) }
```

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

```
.background{ background-color: rgb(167,  
192, 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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