

Converting Colors

CIELCh(70, 75.504, 117.203)

Have a look what the booklet for
CIELCh(70, 75.504, 117.203)
contains.

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Color

CIELCh(70, 75.315, 117.029)

Conversions

Conversions Part 1

Format	Color
Hex	8FB919
RGB	143, 185, 25
RGB Percent	56%, 73%, 10%
CMY	0.4381, 0.2734, 0.9002
CMYK	0.23, 0.00, 0.86, 0.27
HSL	76°, 76%, 41%
HSV	76°, 86%, 73%
XYZ	28.9629, 40.7494, 7.2833
YIQ	154.2020, 26.3280, -58.6640

Conversions

Conversions Part 2

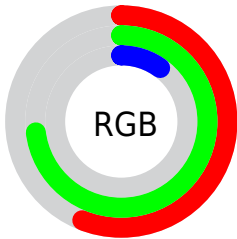
Format	Color
RYB	25, 185, 67
Decimal	9419033
CIELab	70.00, -34.23, 67.09
CIElCh	70, 75.315, 117.029
Yxy	40.7494, 0.3762, 0.5292
Android (android.graphics.Color)	4287609113 (0xFF8FB919)
YUV	154.2020, -63.6966, -9.8242
Hunter-Lab	63.8353, -30.7240, 37.9200

Details

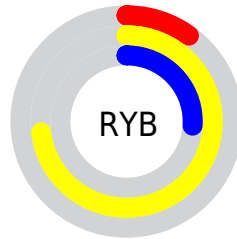
The CIELCh color **70, 75.315, 117.029** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **28, 94.553, 307.675**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 75.384, 117.102**, and **50, 63.310, 121.369** is the 20% darker color. If you saturate the color by 10%, you get **70, 78.563, 117.727**, and if you desaturate by 10%, it is **70, 70.092, 116.756**.

Distribution



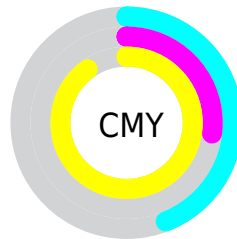
- Red (56%)
- Green (73%)
- Blue (10%)



- Red (10%)
- Yellow (73%)
- Blue (26%)



- Cyan (23%)
- Magenta (0%)
- Yellow (86%)
- Black (27%)





- Cyan (44%)
- Magenta (27%)
- Yellow (90%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 75.315, 117.029 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, 75.315, 117.029 by changing the saturation by 10% instead.


 70, 75.315,
117.029


 70, 75.315,
117.029


 100, 75.315,
117.029


 60, 75.315,
117.029


 90, 75.315,
117.029


 50, 75.315,
117.029

 40, 75.315,
117.029

 30, 75.315,
117.029

 20, 75.315,
117.029

 10, 75.315,
117.029

 0, 75.315, 117.029

■ 70, 75.315,
117.029

■ 70, 75.315,
117.029

■ 70, 78.563,
117.727

■ 70, 70.092,
116.756

■ 70, 79.530,
118.031

■ 71, 63.167,
116.830

■ 71, 54.993,
117.149

■ 72, 45.979,
117.623

■ 73, 36.430,
118.186

■ 73, 26.559,
118.792

■ 74, 16.505,
119.412

■ 75, 6.362, 120.026

Harmonies

Complementary

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



70, 75.315, 117.029



28, 94.553, 307.675

Rectangle

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



70, 75.315, 117.029



70, 75.315, 167.029



70, 75.315, 297.029



70, 75.315, 347.029

Sweetspot

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



70, 75.315, 117.031



92, 32.404, 118.783



45, 66.500, 45.478



49, 21.912, 118.572



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



70, 75.315, 117.031



88, 96.591, 118.248



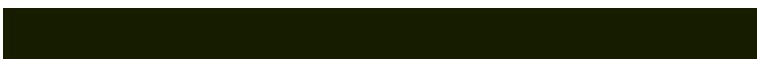
67, 86.399, 133.430



39, 5.710, 119.839



59, 69.820, 117.853



9, 15.883, 124.091

Inverse Universe

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



28, 94.553, 307.675



33, 124.900, 307.742



38, 88.584, 319.612



36, 5.820, 300.977



19, 90.178, 307.986



1, 15.547, 297.856

Previews

White Background



This preview shows how the CIELCh color 70, 75.315, 117.029 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, 75.315, 117.029 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

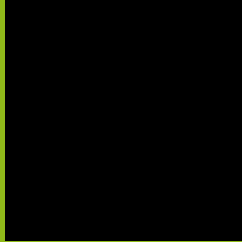
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 75.315, 117.029

Background



This preview shows how black text looks on a background with the CIELCh color 70, 75.315, 117.029.



This preview shows how white text looks on a background with the CIELCh color 70, 75.315, 117.029.

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

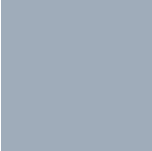
70, 75.315, 117.029

Protanopia

70, 69.624, 95.246

Deuteranopia

70, 65.739, 82.066



Tritanopia
70, 8.863, 259.411

Trichromacy



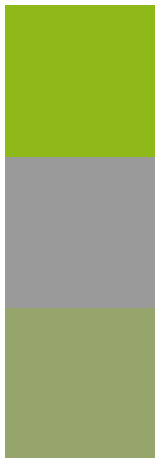
Original Color
70, 75.315, 117.029

Protanomaly
70, 70.174, 103.887

Deuteranomaly
69, 65.820, 95.941

Tritanomaly
69, 28.229, 127.438

Monochromacy



Original Color
70, 75.315, 117.029

Achromatopsia
64, 0.008, 296.813

Achromatomaly
65, 32.143, 118.099

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 75.315, 117.029 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(143, 185, 25)` looks like.

```
.text, #text, p{  
    color:rgb(143, 185, 25)  
}
```

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(143, 185, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 185, 25) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 75.315, 117.029 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(143, 185, 25) }
```

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

```
.border{ border-color:rgb(143, 185, 25) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 185, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 185, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 185, 25);  
box-shadow:4px 4px 4px 4px rgb(143, 185,  
25) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 75.315, 117.029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 185, 25) }
```

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

```
.background{ background-color: rgb(143,  
185, 25) }
```

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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