

Converting Colors

CIELCh(69, 78.140, 115.929)

Have a look what the booklet for
CIELCh(69, 78.140, 115.929)
contains.

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Color

CIELCh(69, 77.574, 115.766)

Conversions

Conversions Part 1

Format	Color
Hex	8EB601
RGB	142, 182, 1
RGB Percent	56%, 71%, 0%
CMY	0.4420, 0.2852, 0.9972
CMYK	0.22, 0.00, 1.00, 0.29
HSL	73°, 99%, 36%
HSV	73°, 100%, 71%
XYZ	27.9913, 39.3444, 6.1389
YIQ	149.4060, 34.2610, -64.7710

Conversions

Conversions Part 2

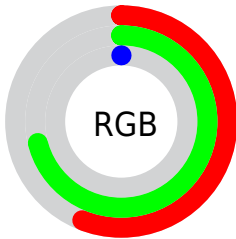
Format	Color
R_{YB}	1, 182, 41
Decimal	9352705
CIE _{Lab}	69.00, -33.72, 69.86
CIE _{LCh}	69, 77.574, 115.766
Yxy	39.3444, 0.3810, 0.5355
Android (android.graphics.Color)	4287542785 (0xFF8EB601)
YUV	149.4060, -73.1642, -6.4951
Hunter-Lab	62.7251, -30.1127, 38.1048

Details

The CIELCh color **69, 77.574, 115.766** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **23, 101.940, 307.432**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 77.312, 115.725**, and **49, 62.109, 120.994** is the 20% darker color. If you saturate the color by 10%, you get **69, 77.671, 115.794**, and if you desaturate by 10%, it is **69, 74.908, 115.105**.

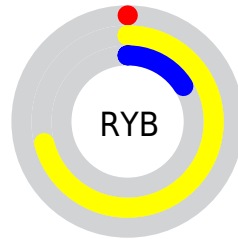
Distribution



Red (56%)

Green (71%)

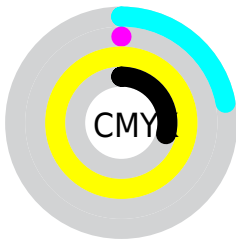
Blue (0%)



Red (0%)

Yellow (71%)

Blue (16%)

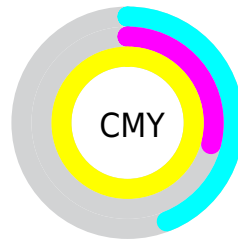


Cyan (22%)

Magenta (0%)

Yellow (100%)

Black (29%)



Cyan (44%)


Magenta (29%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 77.574, 115.766 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 69, 77.574, 115.766 by changing the saturation by 10% instead.

 69, 77.574,
115.766


 69, 77.574,
115.766


 100, 77.574,
115.766


 59, 77.574,
115.766

 89, 77.574,
115.766

 49, 77.574,
115.766

 99, 77.574,
115.766

 39, 77.574,
115.766

 29, 77.574,
115.766

 19, 77.574,
115.766

 9, 77.574, 115.766

 0, 77.574, 115.766

■ 69, 77.574,
115.766

■ 69, 77.574,
115.766

■ 69, 77.671,
115.794

■ 69, 74.908,
115.105

■ 70, 70.501,
114.790

■ 70, 64.277,
114.831

■ 70, 56.661,
115.135

■ 71, 48.085,
115.613

■ 71, 38.888,
116.196

■ 72, 29.307,
116.834

■ 73, 19.500,

117.495

■ 73, 9.574, 118.156

Harmonies

Complementary

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



69, 77.574, 115.766



23, 101.940, 307.432

Rectangle

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



69, 77.574, 115.766



69, 77.574, 165.766



69, 77.574, 295.766



69, 77.574, 345.766

Sweetspot

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



69, 77.574, 115.768



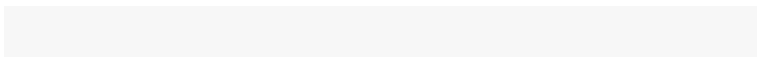
91, 36.756, 116.776



40, 76.265, 44.026



49, 25.202, 116.504



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



69, 77.574, 115.768



87, 94.692, 115.992



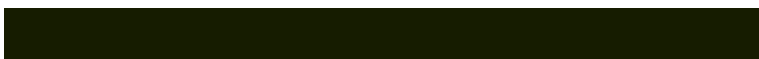
65, 89.855, 133.417



39, 5.679, 118.173



60, 69.043, 115.651



9, 15.716, 122.011

Inverse Universe

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



23, 101.940, 307.432



31, 124.634, 307.326



34, 92.651, 317.925



36, 5.793, 299.405



19, 90.746, 307.536



1, 15.503, 296.647

Previews

White Background



This preview shows how the CIELCh color 69, 77.574, 115.766 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 69, 77.574, 115.766 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 69, 77.574, 115.766

Background



This preview shows how black text looks on a background with the CIELCh color 69, 77.574, 115.766.

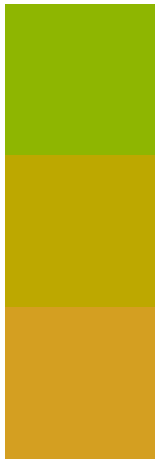


This preview shows how white text looks on a background with the CIELCh color 69, 77.574, 115.766.

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
69, 77.461, 115.794

Protanopia
69, 71.594, 95.139

Deuteranopia
69, 67.087, 82.170



Tritanopia
69, 8.561, 263.527

Trichromacy



Original Color
69, 77.461, 115.794

Protanomaly
69, 72.457, 103.209

Deuteranomaly
68, 68.231, 95.453

Tritanomaly
68, 32.087, 123.324

Monochromacy



Original Color
69, 77.461, 115.794

Achromatopsia
62, 0.008, 296.813

Achromatomaly
64, 36.342, 116.448

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 77.574, 115.766 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(142, 182, 1)` looks like.

```
.text, #text, p{  
    color:rgb(142, 182, 1)  
}
```

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(142, 182, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 182, 1) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 77.574, 115.766 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(142, 182, 1) }
```

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

```
.border{ border-color:rgb(142, 182, 1) }
```

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

Here you see how a box with a 4 pixel rgb(142, 182, 1) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 182, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 182, 1);  
box-shadow:4px 4px 4px 4px rgb(142, 182,  
1) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 77.574, 115.766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 182, 1) }
```

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

```
.background{ background-color: rgb(142,  
182, 1) }
```

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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