

Converting Colors

CIELCh(69, 77.360, 116.006)

Have a look what the booklet for
CIELCh(69, 77.360, 116.006)
contains.

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Color

CIELCh(69, 77.237, 115.850)

Conversions

Conversions Part 1

Format	Color
Hex	8EB604
RGB	142, 182, 4
RGB Percent	56%, 71%, 2%
CMY	0.4421, 0.2852, 0.9855
CMYK	0.22, 0.00, 0.98, 0.29
HSL	73°, 96%, 36%
HSV	73°, 98%, 71%
XYZ	28.0025, 39.3444, 6.2240
YIQ	149.7480, 33.2980, -63.8380

Conversions

Conversions Part 2

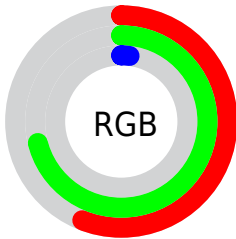
Format	Color
RYB	4, 182, 44
Decimal	9352708
CIELab	69.00, -33.68, 69.51
CIELCh	69, 77.237, 115.850
Yxy	39.3444, 0.3806, 0.5348
Android (android.graphics.Color)	4287542788 (0xFF8EB604)
YUV	149.7480, -71.8538, -6.7950
Hunter-Lab	62.7251, -30.0807, 38.0244

Details

The CIELCh color **69, 77.237, 115.850** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **24, 101.010, 307.419**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 76.953, 115.803**, and **49, 62.109, 120.994** is the 20% darker color. If you saturate the color by 10%, you get **69, 77.740, 115.992**, and if you desaturate by 10%, it is **69, 74.379, 115.211**.

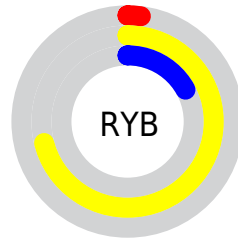
Distribution



Red (56%)

Green (71%)

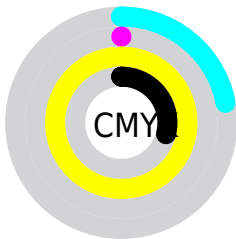
Blue (2%)



Red (2%)

Yellow (71%)

Blue (17%)

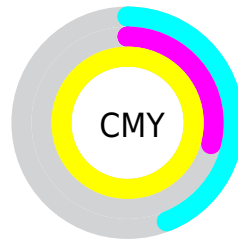


Cyan (22%)

Magenta (0%)

Yellow (98%)

Black (29%)



Cyan (44%)


Magenta (29%)

Yellow (99%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 77.237, 115.850 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, 77.237, 115.850 by changing the saturation by 10% instead.

 69, 77.237,
115.850


 69, 77.237,
115.850

 100, 77.237,
115.850

 59, 77.237,
115.850


 89, 77.237,
115.850

 49, 77.237,
115.850

 99, 77.237,
115.850

 39, 77.237,
115.850

 29, 77.237,
115.850

 19, 77.237,
115.850

 9, 77.237, 115.850

 0, 77.237, 115.850

■ 69, 77.237,
115.850

■ 69, 77.237,
115.850

■ 69, 77.740,
115.992

■ 69, 74.379,
115.211

■ 70, 69.642,
114.952

■ 70, 63.149,
115.036

■ 70, 55.341,
115.369

■ 71, 46.637,
115.864

■ 72, 37.358,
116.455

■ 72, 27.725,
117.095

■ 73, 17.888,

117.753

■ 74, 7.945, 118.408

Harmonies

Complementary

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



69, 77.237, 115.850



24, 101.010, 307.419

Rectangle

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



69, 77.237, 115.850



69, 77.237, 165.850



69, 77.237, 295.850



69, 77.237, 345.850

Sweetspot

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



69, 77.237, 115.852



91, 35.571, 116.996



41, 75.130, 43.907



49, 24.533, 116.722



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, 77.237, 115.852



87, 94.784, 116.193



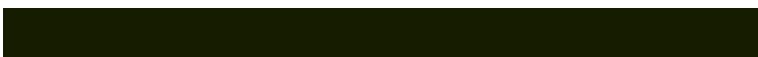
65, 89.308, 133.340



39, 5.681, 118.319



60, 69.107, 115.847



9, 15.730, 122.199

Inverse Universe

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



24, 101.010, 307.419



32, 124.573, 307.360



35, 92.133, 318.011



36, 5.796, 299.542



19, 90.700, 307.572



1, 15.506, 296.752

Previews

White Background



This preview shows how the CIELCh color 69, 77.237, 115.850 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 69, 77.237, 115.850 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

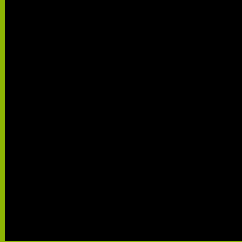
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 77.237, 115.850

Background



This preview shows how black text looks on a background with the CIELCh color 69, 77.237, 115.850.

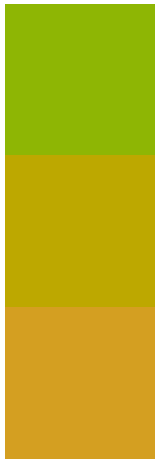


This preview shows how white text looks on a background with the CIELCh color 69, 77.237, 115.850.

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, 77.126, 115.878

Protanopia
69, 71.594, 95.139

Deuteranopia
69, 67.087, 82.170



Tritanopia
69, 8.561, 263.527

Trichromacy



Original Color
69, 77.126, 115.878

Protanomaly
69, 72.335, 103.221

Deuteranomaly
68, 68.031, 95.451

Tritanomaly
68, 31.581, 123.619

Monochromacy



Original Color
69, 77.126, 115.878

Achromatopsia
62, 0.008, 296.813

Achromatomaly
64, 35.833, 116.634

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 77.237, 115.850 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, 4)` looks like.

```
.text, #text, p{  
    color:rgb(142, 182, 4)  
}
```

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, 4) colored shadow looks like.

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

Border

The CSS property to change the border of an element to CIELCh 69, 77.237, 115.850 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, 4) }
```

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

```
.border{ border-color:rgb(142, 182, 4) }
```

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, 4) colored shadow looks like.

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

Background

The CSS property to change the background color of an element to CIELCh 69, 77.237, 115.850 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, 4) }
```

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

```
.background{ background-color: rgb(142,  
182, 4) }
```

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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