

Converting Colors

CIELCh(66, 77.208, 122.793)

Have a look what the booklet for
CIELCh(66, 77.208, 122.793)
contains.

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Color

CIELCh(66, 77.021, 122.804)

Conversions

Conversions Part 1

Format	Color
Hex	73B111
RGB	115, 177, 17
RGB Percent	45%, 69%, 7%
CMY	0.5473, 0.3042, 0.9340
CMYK	0.35, 0.00, 0.91, 0.30
HSL	83°, 83%, 38%
HSV	83°, 91%, 70%
XYZ	23.0317, 35.3238, 6.1271
YIQ	140.2220, 14.4080, -62.9040

Conversions

Conversions Part 2

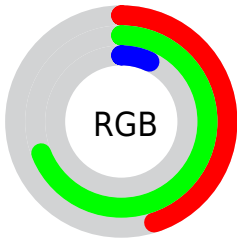
Format	Color
RYB	17, 177, 79
Decimal	7581969
CIELab	66.00, -41.73, 64.74
CIElCh	66, 77.021, 122.804
Yxy	35.3238, 0.3572, 0.5478
Android (android.graphics.Color)	4285772049 (0xFF73B111)
YUV	140.2220, -60.7484, -22.1197
Hunter-Lab	59.4338, -34.8372, 35.4915

Details

The CIELCh color **66, 77.021, 122.804** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **27, 92.545, 309.894**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 76.998, 122.766**, and **46, 64.259, 128.514** is the 20% darker color. If you saturate the color by 10%, you get **66, 80.000, 123.719**, and if you desaturate by 10%, it is **66, 72.343, 122.204**.

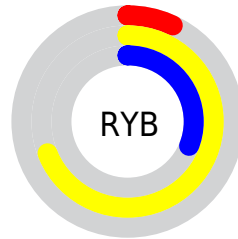
Distribution



Red (45%)

Green (69%)

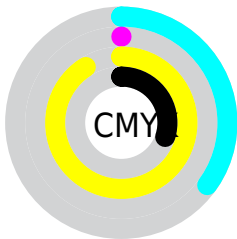
Blue (7%)



Red (7%)

Yellow (69%)

Blue (31%)

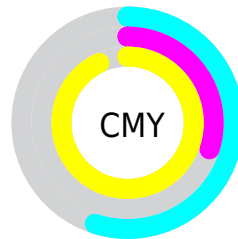


Cyan (35%)

Magenta (0%)

Yellow (91%)

Black (30%)



Cyan (55%)


Magenta (30%)

Yellow (93%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 77.021, 122.804 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 66, 77.021, 122.804 by changing the saturation by 10% instead.

 66, 77.021,
122.804


 66, 77.021,
122.804


 100, 77.021,
122.804


 56, 77.021,
122.804


 86, 77.021,
122.804


 46, 77.021,
122.804

 96, 77.021,
122.804

 36, 77.021,
122.804

 26, 77.021,
122.804

 16, 77.021,
122.804

 6, 77.021, 122.804

 0, 77.021, 122.804

■ 66, 77.021,
122.804

■ 66, 77.021,
122.804

■ 66, 80.000,
123.719

■ 66, 72.343,
122.204

■ 67, 65.911,
122.026

■ 67, 58.128,
122.159

■ 68, 49.411,
122.490

■ 69, 40.091,
122.937

■ 70, 30.404,
123.439

■ 70, 20.510,
123.960

■ 71, 10.519,

124.478

■ 72, 0.507, 125.109

Harmonies

Complementary

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



66, 77.021, 122.804



27, 92.545, 309.894

Rectangle

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



66, 77.021, 122.804



66, 77.021, 172.804



66, 77.021, 302.804



66, 77.021, 352.804

Sweetspot

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



66, 77.021, 122.805



88, 33.208, 123.598



46, 63.103, 53.722



46, 22.320, 123.426



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



66, 77.021, 122.805



83, 97.189, 123.991



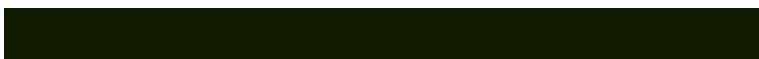
63, 87.633, 135.472



37, 5.692, 124.539



57, 71.620, 123.531



7, 14.128, 128.967

Inverse Universe

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



27, 92.545, 309.894



34, 118.210, 309.476



39, 86.402, 323.963



35, 5.787, 305.458



21, 87.124, 309.776



1, 13.630, 301.728

Previews

White Background



This preview shows how the CIELCh color 66, 77.021, 122.804 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 66, 77.021, 122.804 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 66, 77.021, 122.804

Background



This preview shows how black text looks on a background with the CIELCh color 66, 77.021, 122.804.



This preview shows how white text looks on a background with the CIELCh color 66, 77.021, 122.804.

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


66, 76.869, 122.855

Protanopia

66, 68.004, 95.163

Deuteranopia

66, 62.354, 81.915



Tritanopia
66, 12.769, 233.207

Trichromacy



Original Color
66, 76.869, 122.855

Protanomaly
65, 69.026, 106.369

Deuteranomaly
65, 63.487, 99.677

Tritanomaly
65, 32.781, 138.444

Monochromacy



Original Color
66, 76.869, 122.855

Achromatopsia
59, 0.008, 296.813

Achromatomaly
61, 33.244, 122.836

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 77.021, 122.804 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(115, 177, 17)` looks like.

```
.text, #text, p{  
    color:rgb(115, 177, 17)  
}
```

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(115, 177, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 177, 17) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 77.021, 122.804 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(115, 177, 17) }
```

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

```
.border{ border-color:rgb(115, 177, 17) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 177, 17)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 177, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 177, 17);  
box-shadow:4px 4px 4px 4px rgb(115, 177,  
17) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 77.021, 122.804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 177, 17) }
```

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

```
.background{ background-color: rgb(115,  
177, 17) }
```

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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