

Converting Colors

CIELCh(72, 62.151, 138.454)

Have a look what the booklet for
CIELCh(72, 62.151, 138.454)
contains.

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Color

CIELCh(72, 62.151, 138.454)

Conversions

Conversions Part 1

Format	Color
Hex	6AC461
RGB	106, 196, 97
RGB Percent	42%, 77%, 38%
CMY	0.5824, 0.2295, 0.6179
CMYK	0.46, 0.00, 0.50, 0.23
HSL	115°, 46%, 58%
HSV	115°, 50%, 77%
XYZ	28.0259, 43.6590, 18.3657
YIQ	157.8040, -21.8610, -49.8690

Conversions

Conversions Part 2

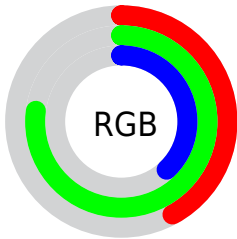
Format	Color
RYB	97, 196, 187
Decimal	6997089
CIELab	72.00, -46.52, 41.22
CIELCh	72, 62.151, 138.454
Yxy	43.6590, 0.3112, 0.4848
Android (android.graphics.Color)	4285187169 (0xFF6AC461)
YUV	157.8040, -29.9764, -45.4321
Hunter-Lab	66.0750, -39.9200, 29.7727

Details

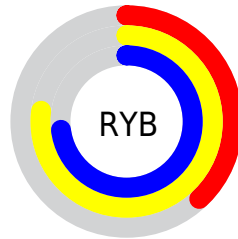
The CIELCh color **72, 62.151, 138.454** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **55, 62.413, 324.279**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **92, 61.860, 138.634**, and **52, 61.773, 138.532** is the 20% darker color. If you saturate the color by 10%, you get **71, 72.953, 137.566**, and if you desaturate by 10%, it is **73, 50.435, 139.317**.

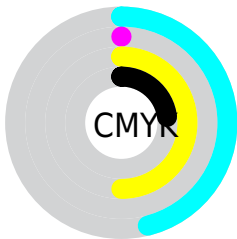
Distribution



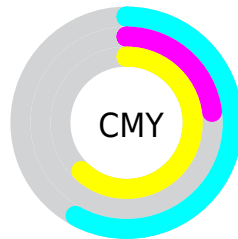
- Red (42%)
- Green (77%)
- Blue (38%)



- Red (38%)
- Yellow (77%)
- Blue (73%)



- Cyan (46%)
- Magenta (0%)
- Yellow (50%)
- Black (23%)





- Cyan (58%)
- Magenta (23%)
- Yellow (62%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 62.151, 138.454 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 72, 62.151, 138.454 by changing the saturation by 10% instead.


 72, 62.151,
138.454


 72, 62.151,
138.454


 100, 62.151,
138.454


 62, 62.151,
138.454


 92, 62.151,
138.454

 52, 62.151,
138.454

 42, 62.151,
138.454

 32, 62.151,
138.454

 22, 62.151,
138.454

 12, 62.151,
138.454

 2, 62.151, 138.454

0, 62.151, 138.454

72, 62.151,
138.454

72, 62.151,
138.454

71, 72.953,
137.566

73, 50.435,
139.317

70, 82.383,
136.733

74, 38.164,
140.109

70, 89.921,
136.076

76, 25.620,
140.813

70, 95.090,
135.725

77, 13.013,
141.432

69, 97.913,
135.629

79, 0.498, 142.407

81, 11.813,
322.366

■ 83, 23.848,
322.756

■ 86, 35.560,
323.082

■ 86, 36.705,
325.700

Harmonies

Complementary

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



72, 62.151, 138.454



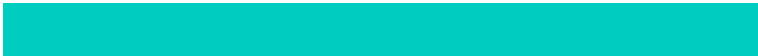
55, 62.413, 324.279

Rectangle

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



72, 62.151, 138.454



72, 62.151, 188.454



72, 62.151, 318.454



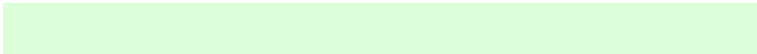
72, 62.151, 8.454

Sweetspot

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



72, 62.152, 138.455



97, 23.232, 141.143



75, 46.764, 100.457



51, 15.862, 141.010



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



72, 62.152, 138.455



90, 89.418, 137.520



72, 47.518, 153.601



41, 7.156, 141.492



58, 85.236, 135.555



11, 25.925, 141.837

Inverse Universe

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



55, 62.413, 324.279



66, 89.457, 324.617



55, 48.754, 343.248



39, 7.179, 322.396



36, 83.243, 324.718



4, 25.702, 323.274

Previews

White Background



This preview shows how the CIELCh color 72, 62.151, 138.454 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 72, 62.151, 138.454 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 72, 62.151, 138.454

Background



This preview shows how black text looks on a background with the CIELCh color 72, 62.151, 138.454.

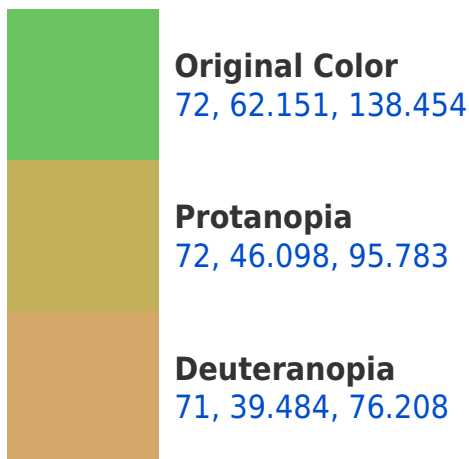


This preview shows how white text looks on a background with the CIELCh color 72, 62.151, 138.454.

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





Tritanopia
72, 20.205, 222.141

Trichromacy



Original Color
72, 62.151, 138.454



Protanomaly
71, 47.952, 116.205



Deuteranomaly
71, 40.359, 108.549

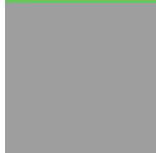


Tritanomaly
72, 28.362, 167.188

Monochromacy



Original Color
72, 62.151, 138.454



Achromatopsia
65, 0.008, 296.813



Achromatomaly
67, 23.639, 141.001

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 62.151, 138.454 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(106, 196, 97)` looks like.

```
.text, #text, p{  
    color:rgb(106, 196, 97)  
}
```

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(106, 196, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 196, 97) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 62.151, 138.454 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(106, 196, 97) }
```

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

```
.border{ border-color:rgb(106, 196, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 196, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 196, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 196, 97);  
box-shadow:4px 4px 4px 4px rgb(106, 196,  
97) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 62.151, 138.454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 196, 97) }
```

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

```
.background{ background-color: rgb(106,  
196, 97) }
```

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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