

Converting Colors

CIELCh(72, 60.728, 140.091)

Have a look what the booklet for
CIELCh(72, 60.728, 140.091)
contains.

CIELCh(72, 61.008, 140.148)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(72, 61.008, 140.148)

Conversions

Conversions Part 1

Format	Color
Hex	68C566
RGB	104, 197, 102
RGB Percent	41%, 77%, 40%
CMY	0.5935, 0.2287, 0.6012
CMYK	0.47, 0.00, 0.48, 0.23
HSL	119°, 45%, 59%
HSV	119°, 48%, 77%
XYZ	27.9449, 43.6590, 19.4460
YIQ	158.3630, -24.9330, -49.2610

Conversions

Conversions Part 2

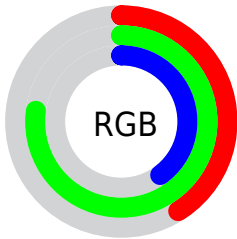
Format	Color
RYB	102, 197, 195
Decimal	6866278
CIELab	72.00, -46.84, 39.09
CIELCh	72, 61.008, 140.148
Yxy	43.6590, 0.3069, 0.4795
Android (android.graphics.Color)	4285056358 (0xFF68C566)
YUV	158.3630, -27.7870, -47.6764
Hunter-Lab	66.0750, -40.1387, 28.8033

Details

The CIELCh color **72, 61.008, 140.148** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **57, 60.842, 326.333**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **92, 60.724, 140.342**, and **52, 60.832, 140.205** is the 20% darker color. If you saturate the color by 10%, you get **71, 72.117, 139.089**, and if you desaturate by 10%, it is **73, 48.967, 141.134**.

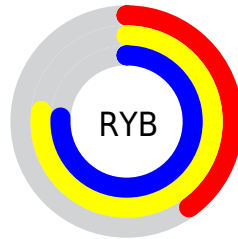
Distribution



Red (41%)

Green (77%)

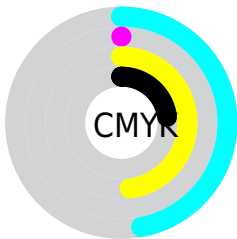
Blue (40%)



Red (40%)

Yellow (77%)

Blue (76%)

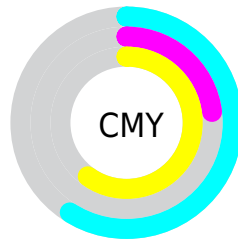


Cyan (47%)

Magenta (0%)

Yellow (48%)

Black (23%)



Cyan (59%)


Magenta (23%)


Yellow (60%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 61.008, 140.148 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, 61.008, 140.148 by changing the saturation by 10% instead.


 72, 61.008,
140.148


 72, 61.008,
140.148


 100, 61.008,
140.148


 62, 61.008,
140.148


 92, 61.008,
140.148

 52, 61.008,
140.148

 42, 61.008,
140.148

 32, 61.008,
140.148

 22, 61.008,
140.148

 12, 61.008,
140.148

 2, 61.008, 140.148

0, 61.008, 140.148

72, 61.008,
140.148

72, 61.008,
140.148

71, 72.117,
139.089

73, 48.967,
141.134

70, 81.837,
138.027

74, 36.366,
142.013

70, 89.652,
137.077

76, 23.500,
142.780

70, 95.075,
136.382

78, 10.597,
143.447

69, 98.005,
136.001

80, 2.179, 323.864

69, 98.400,
135.937

82, 14.710,
324.432

■ 84, 26.922,
324.838

■ 86, 36.583,
325.696

Harmonies

Complementary

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



72, 61.008, 140.148



57, 60.842, 326.333

Rectangle

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



72, 61.008, 140.148



72, 61.008, 190.148



72, 61.008, 320.148



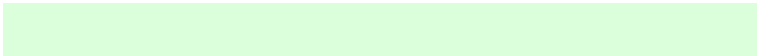
72, 61.008, 10.148

Sweetspot

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



72, 61.009, 140.148



97, 22.176, 143.062



77, 47.648, 104.075



51, 15.324, 142.913



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, 61.009, 140.148



90, 88.460, 139.024



73, 43.237, 156.975



41, 7.321, 143.377



58, 85.658, 135.916



11, 26.443, 143.201

Inverse Universe

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



57, 60.842, 326.333



68, 87.784, 326.751



56, 45.131, 346.738



39, 7.335, 324.368



38, 82.834, 327.423



4, 26.509, 326.201

Previews

White Background



This preview shows how the CIELCh color 72, 61.008, 140.148 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, 61.008, 140.148 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, 61.008, 140.148

Background



This preview shows how black text looks on a background with the CIELCh color 72, 61.008, 140.148.

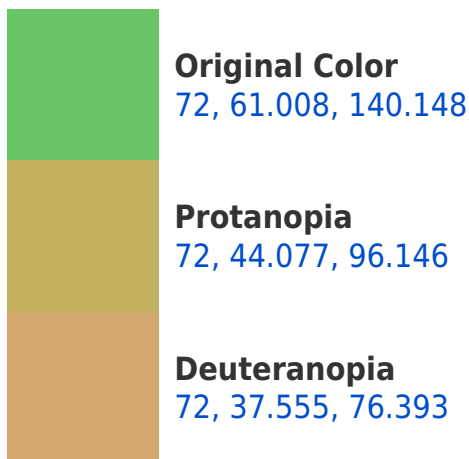


This preview shows how white text looks on a background with the CIELCh color 72, 61.008, 140.148.

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, 21.219, 220.840

Trichromacy



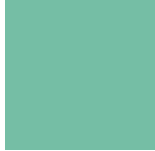
Original Color
72, 61.008, 140.148



Protanomaly
71, 46.673, 117.640



Deuteranomaly
71, 38.364, 109.495



Tritanomaly
72, 29.075, 169.164

Monochromacy



Original Color
72, 61.008, 140.148



Achromatopsia
65, 0.008, 296.813



Achromatomaly
67, 22.936, 143.202

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 61.008, 140.148 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(104, 197, 102)` looks like.

```
.text, #text, p{  
    color:rgb(104, 197, 102)  
}
```

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(104, 197, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 197, 102) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 61.008, 140.148 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(104, 197, 102) }
```

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

```
.border{ border-color:rgb(104, 197, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 197, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 197, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 197, 102);  
box-shadow:4px 4px 4px 4px rgb(104, 197,  
102) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 61.008, 140.148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 197, 102) }
```

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

```
.background{ background-color: rgb(104,  
197, 102) }
```

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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