

Converting Colors

CIELCh(73, 58.811, 138.037)

Have a look what the booklet for
CIELCh(73, 58.811, 138.037)
contains.

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Color

CIELCh(73, 58.711, 138.120)

Conversions

Conversions Part 1

Format	Color
Hex	73C668
RGB	115, 198, 104
RGB Percent	45%, 78%, 41%
CMY	0.5481, 0.2226, 0.5913
CMYK	0.42, 0.00, 0.47, 0.22
HSL	113°, 45%, 59%
HSV	113°, 47%, 78%
XYZ	29.8615, 45.1644, 20.2997
YIQ	162.4670, -19.2940, -46.8300

Conversions

Conversions Part 2

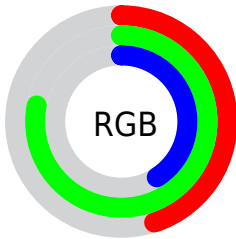
Format	Color
RYB	104, 198, 187
Decimal	7587432
CIELab	73.00, -43.71, 39.19
CIELCh	73, 58.711, 138.120
Yxy	45.1644, 0.3133, 0.4738
Android (android.graphics.Color)	4285777512 (0xFF73C668)
YUV	162.4670, -28.8242, -41.6286
Hunter-Lab	67.2044, -38.2934, 29.1341

Details

The CIELCh color **73, 58.711, 138.120** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **57, 59.175, 323.379**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **93, 58.399, 138.154**, and **53, 58.477, 138.201** is the 20% darker color. If you saturate the color by 10%, you get **72, 69.867, 137.289**, and if you desaturate by 10%, it is **74, 46.783, 138.921**.

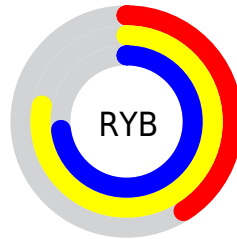
Distribution



Red (45%)

Green (78%)

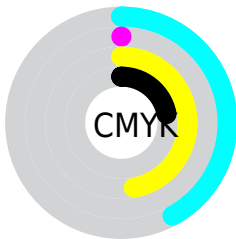
Blue (41%)



Red (41%)

Yellow (78%)

Blue (73%)

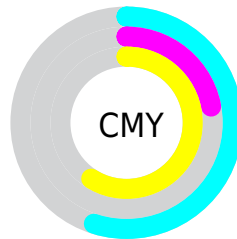


Cyan (42%)

Magenta (0%)

Yellow (47%)

Black (22%)



Cyan (55%)


Magenta (22%)


Yellow (59%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 58.711, 138.120 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 73, 58.711, 138.120 by changing the saturation by 10% instead.


 73, 58.711,
138.120


 73, 58.711,
138.120


 100, 58.711,
138.120


 63, 58.711,
138.120


 93, 58.711,
138.120


 53, 58.711,
138.120

 43, 58.711,
138.120

 33, 58.711,
138.120

 23, 58.711,
138.120

 13, 58.711,
138.120

 3, 58.711, 138.120

0, 58.711, 138.120

73, 58.711,
138.120

73, 58.711,
138.120

72, 69.867,
137.289

74, 46.783,
138.921

71, 79.824,
136.498

75, 34.407,
139.654

71, 88.075,
135.857

77, 21.837,
140.306

70, 94.103,
135.499

79, 9.258, 140.885

70, 97.663,
135.485

80, 3.195, 321.274

82, 15.427,
321.746

70, 98.355,
135.468

85, 27.375,

322.105

86, 35.596,
325.662

Harmonies

Complementary

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



73, 58.711, 138.120



57, 59.175, 323.379

Rectangle

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



73, 58.711, 138.120



73, 58.711, 188.120



73, 58.711, 318.120



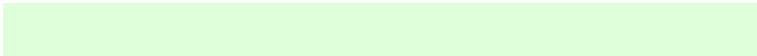
73, 58.711, 8.120

Sweetspot

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



73, 58.712, 138.121



97, 21.494, 140.500



75, 43.196, 98.900



51, 14.852, 140.369



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



73, 58.712, 138.121



90, 84.992, 137.254



73, 46.493, 152.567



41, 7.097, 140.776



58, 85.030, 135.377



11, 25.737, 141.322

Inverse Universe

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



57, 59.175, 323.379



67, 85.471, 323.726



57, 47.411, 341.162



39, 7.124, 321.653



35, 83.451, 323.751



4, 25.403, 322.152

Previews

White Background



This preview shows how the CIELCh color 73, 58.711, 138.120 looks on a white background.

Color Contrast Check

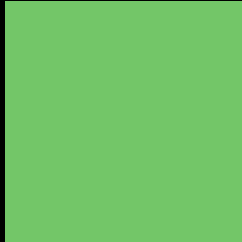
Large Text (above 18pt) WCAG AA × Fail

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 73, 58.711, 138.120 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 73, 58.711, 138.120

Background



This preview shows how black text looks on a background with the CIELCh color 73, 58.711, 138.120.



This preview shows how white text looks on a background with the CIELCh color 73, 58.711, 138.120.

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
73, 58.711, 138.120

Protanopia
73, 43.607, 95.592

Deuteranopia
72, 37.708, 75.900



Tritanopia
73, 18.899, 223.951

Trichromacy



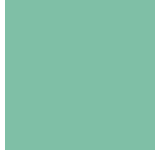
Original Color
73, 58.711, 138.120



Protanomaly
72, 45.261, 115.444



Deuteranomaly
72, 37.734, 107.070

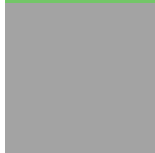


Tritanomaly
73, 26.664, 166.683

Monochromacy



Original Color
73, 58.711, 138.120



Achromatopsia
67, 0.008, 296.813



Achromatomaly
69, 21.979, 140.186

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 58.711, 138.120 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, 198, 104)` looks like.

```
.text, #text, p{  
    color:rgb(115, 198, 104)  
}
```

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, 198, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 198, 104) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 58.711, 138.120 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, 198, 104) }
```

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

```
.border{ border-color:rgb(115, 198, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 198, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 198, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 198, 104);  
box-shadow:4px 4px 4px 4px rgb(115, 198,  
104) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 58.711, 138.120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 198, 104) }
```

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

```
.background{ background-color: rgb(115,  
198, 104) }
```

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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