

Converting Colors

CIELCh(74, 58.817, 138.372)

Have a look what the booklet for
CIELCh(74, 58.817, 138.372)
contains.

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Color

CIELCh(74, 58.783, 138.423)

Conversions

Conversions Part 1

Format	Color
Hex	75C96B
RGB	117, 201, 107
RGB Percent	46%, 79%, 42%
CMY	0.5406, 0.2111, 0.5798
CMYK	0.42, 0.00, 0.47, 0.21
HSL	114°, 47%, 60%
HSV	114°, 47%, 79%
XYZ	30.9416, 46.7039, 21.3338
YIQ	165.1680, -19.8900, -47.0420

Conversions

Conversions Part 2

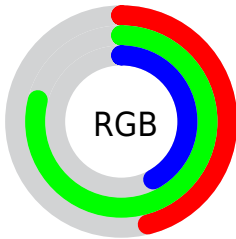
Format	Color
RYB	107, 201, 191
Decimal	7719275
CIELab	74.00, -43.97, 39.01
CIELCh	74, 58.783, 138.423
Yxy	46.7039, 0.3126, 0.4719
Android (android.graphics.Color)	4285909355 (0xFF75C96B)
YUV	165.1680, -28.6768, -42.2433
Hunter-Lab	68.3403, -38.7782, 29.3296

Details

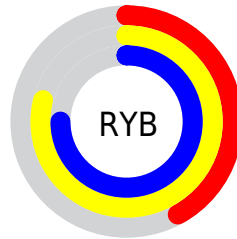
The CIELCh color **74, 58.783, 138.423** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **58, 59.176, 323.681**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **93, 56.763, 138.395**, and **54, 58.599, 138.519** is the 20% darker color. If you saturate the color by 10%, you get **73, 70.153, 137.569**, and if you desaturate by 10%, it is **75, 46.642, 139.239**.

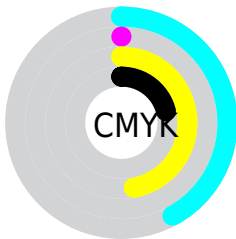
Distribution



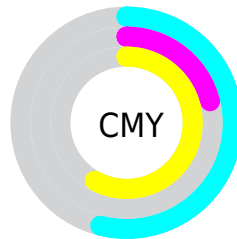
- Red (46%)
- Green (79%)
- Blue (42%)



- Red (42%)
- Yellow (79%)
- Blue (75%)



- Cyan (42%)
- Magenta (0%)
- Yellow (47%)
- Black (21%)




- Cyan (54%)
- Magenta (21%)
- Yellow (58%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 58.783, 138.423 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 74, 58.783, 138.423 by changing the saturation by 10% instead.


 74, 58.783,
138.423

 74, 58.783,
138.423

 100, 58.783,
138.423


 64, 58.783,
138.423


 94, 58.783,
138.423

 54, 58.783,
138.423

 44, 58.783,
138.423

 34, 58.783,
138.423

 24, 58.783,
138.423

 14, 58.783,
138.423

 4, 58.783, 138.423

0, 58.783, 138.423

74, 58.783,
138.423

74, 58.783,
138.423

73, 70.153,
137.569

75, 46.642,
139.239

72, 80.323,
136.743

77, 34.060,
139.981

72, 88.780,
136.055

78, 21.290,
140.640

71, 94.997,
135.637

80, 8.521, 141.223

71, 98.676,
135.573

82, 4.110, 321.626

71, 99.539,
135.545

84, 16.508,
322.084

86, 28.610,

322.442

■ 87, 33.767,
325.599

Harmonies

Complementary

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



74, 58.783, 138.423



58, 59.176, 323.681

Rectangle

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



74, 58.783, 138.423



74, 58.783, 188.423



74, 58.783, 318.423



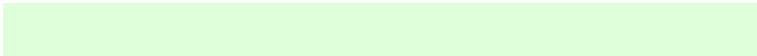
74, 58.783, 8.423

Sweetspot

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



74, 58.784, 138.424



97, 21.568, 140.794



76, 43.737, 99.919



51, 14.903, 140.661



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



74, 58.784, 138.424



90, 83.933, 137.565



74, 45.780, 153.357



41, 7.121, 141.074



58, 85.120, 135.455



11, 25.815, 141.537

Inverse Universe

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



58, 59.176, 323.681



68, 84.299, 324.029



58, 46.837, 341.949



39, 7.146, 321.963



35, 83.361, 324.150



4, 25.527, 322.621

Previews

White Background



This preview shows how the CIELCh color 74, 58.783, 138.423 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 74, 58.783, 138.423 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 74, 58.783, 138.423

Background



This preview shows how black text looks on a background with the CIELCh color 74, 58.783, 138.423.



This preview shows how white text looks on a background with the CIELCh color 74, 58.783, 138.423.

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
74, 58.783, 138.423

Protanopia
74, 43.509, 95.678

Deuteranopia
74, 37.575, 75.988



Tritanopia
74, 19.141, 223.515

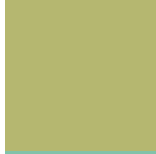
Trichromacy



Original Color
74, 58.783, 138.423



Protanomaly
73, 45.244, 115.995



Deuteranomaly
73, 37.651, 107.762

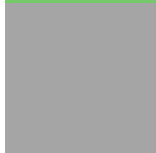


Tritanomaly
74, 26.875, 167.049

Monochromacy



Original Color
74, 58.783, 138.423



Achromatopsia
68, 0.008, 296.813



Achromatomaly
70, 21.932, 140.199

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 58.783, 138.423 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(117, 201, 107)` looks like.

```
.text, #text, p{  
    color:rgb(117, 201, 107)  
}
```

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(117, 201, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 201, 107) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 58.783, 138.423 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(117, 201, 107) }
```

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

```
.border{ border-color:rgb(117, 201, 107) }
```

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

Here you see how a box with a 4 pixel rgb(117, 201, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 201, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 201, 107);  
box-shadow:4px 4px 4px 4px rgb(117, 201,  
107) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 58.783, 138.423 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 201, 107) }
```

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

```
.background{ background-color: rgb(117,  
201, 107) }
```

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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