

Converting Colors

CIELCh(71, 44.849, 144.375)

Have a look what the booklet for
CIELCh(71, 44.849, 144.375)
contains.

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Color

CIELCh(71, 44.614, 144.598)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 75BE7D |
| RGB | 117, 190, 125 |
| RGB Percent | 46%, 75%, 49% |
| CMY | 0.5405, 0.2542, 0.5091 |
| CMYK | 0.38, 0.00, 0.34, 0.25 |
| HSL | 127°, 36%, 60% |
| HSV | 127°, 38%, 75% |
| XYZ | 29.5273, 42.1875, 26.0471 |
| YIQ | 160.7630, -22.6430, -35.6910 |

Conversions

Conversions Part 2

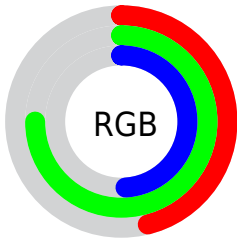
| Format | Color |
|-------------------------------------|--|
| RYB | 117, 183, 190 |
| Decimal | 7716477 |
| CIELab | 71.00, -36.37, 25.85 |
| CIELCh | 71, 44.614, 144.598 |
| Yxy | 42.1875, 0.3020, 0.4315 |
| Android (android.graphics.Color) | 4285906557 (0xFF75BE7D) |
| YUV | 160.7630, -17.6312, -38.3802 |
| Hunter-Lab | 64.9519, -32.5194, 21.6898 |

Details

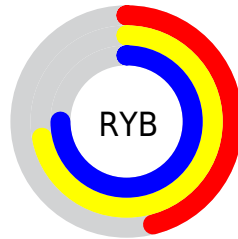
The CIELCh color **71, 44.614, 144.598** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **59, 44.594, 329.804**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 44.730, 144.466**, and **51, 44.687, 144.416** is the 20% darker color. If you saturate the color by 10%, you get **70, 55.626, 143.509**, and if you desaturate by 10%, it is **72, 33.147, 145.548**.

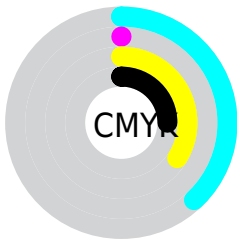
Distribution



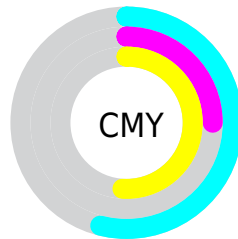
- Red (46%)
- Green (75%)
- Blue (49%)



- Red (46%)
- Yellow (72%)
- Blue (75%)



- Cyan (38%)
- Magenta (0%)
- Yellow (34%)
- Black (25%)



- Cyan (54%)
- Magenta (25%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 44.614, 144.598 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 71, 44.614, 144.598 by changing the saturation by 10% instead.

 71, 44.614,
144.598

 71, 44.614,
144.598


 100, 44.614,
144.598

 61, 44.614,
144.598


 91, 44.614,
144.598

 51, 44.614,
144.598

 41, 44.614,
144.598

 31, 44.614,
144.598

 21, 44.614,
144.598

 11, 44.614,
144.598

 1, 44.614, 144.598

0, 44.614, 144.598

71, 44.614,
144.598

71, 44.614,
144.598

70, 55.626,
143.509

72, 33.147,
145.548

69, 65.900,
142.283

74, 21.458,
146.368

68, 75.122,
140.949

75, 9.738, 147.082

68, 82.959,
139.567

77, 1.868, 327.505


67, 89.084,
138.240

79, 13.256,
328.143


67, 93.281,
137.131

82, 24.356,
328.592

84, 35.127,

 67, 93.800,
137.004

328.976

 85, 40.637,
325.834

Harmonies

Complementary

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



71, 44.614, 144.598



59, 44.594, 329.804

Rectangle

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



71, 44.614, 144.598



71, 44.614, 194.598



71, 44.614, 324.598



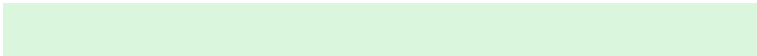
71, 44.614, 14.598

Sweetspot

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



71, 44.615, 144.598



95, 17.290, 146.820



75, 38.572, 111.014



51, 11.570, 146.727



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



71, 44.615, 144.598



89, 65.613, 143.698



72, 30.436, 165.531



39, 6.543, 147.017



57, 81.491, 137.166



9, 20.558, 146.499

Inverse Universe

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



59, 44.594, 329.804



71, 65.361, 330.291



58, 32.808, 353.619



37, 6.556, 328.075



36, 74.272, 333.069



3, 19.288, 329.693

Previews

White Background



This preview shows how the CIELCh color 71, 44.614, 144.598 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 71, 44.614, 144.598 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 71, 44.614, 144.598

Background



This preview shows how black text looks on a background with the CIELCh color 71, 44.614, 144.598.

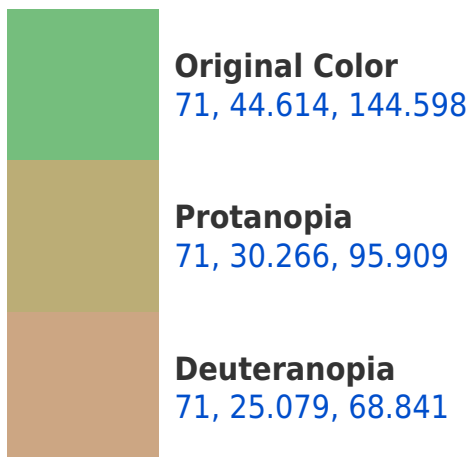


This preview shows how white text looks on a background with the CIELCh color 71, 44.614, 144.598.

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
71, 18.153, 225.295

Trichromacy



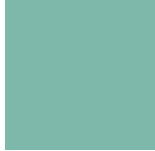
Original Color
71, 44.614, 144.598



Protanomaly
70, 31.902, 119.663



Deuteranomaly
70, 24.877, 110.496



Tritanomaly
71, 21.912, 177.129

Monochromacy



Original Color
71, 44.614, 144.598



Achromatopsia
66, 0.008, 296.813



Achromatomaly
68, 16.843, 146.627

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 44.614, 144.598 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, 190, 125)` looks like.

```
.text, #text, p{  
    color:rgb(117, 190, 125)  
}
```

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, 190, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 190, 125) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 44.614, 144.598 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, 190, 125) }
```

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

```
.border{ border-color:rgb(117, 190, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 190, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 190, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 190, 125);  
box-shadow:4px 4px 4px 4px rgb(117, 190,  
125) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 44.614, 144.598 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 190, 125) }
```

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

```
.background{ background-color: rgb(117,  
190, 125) }
```

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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