

Converting Colors

CIELCh(71, 41.004, 148.821)

Have a look what the booklet for
CIELCh(71, 41.004, 148.821)
contains.

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Color

CIELCh(71, 41.004, 148.852)

Conversions

Conversions Part 1

Format	Color
Hex	74BE86
RGB	116, 190, 134
RGB Percent	45%, 75%, 53%
CMY	0.5456, 0.2554, 0.4750
CMYK	0.39, 0.00, 0.29, 0.26
HSL	135°, 36%, 60%
HSV	135°, 39%, 74%
XYZ	29.8614, 42.1875, 29.0752
YIQ	161.4900, -26.1280, -33.1040

Conversions

Conversions Part 2

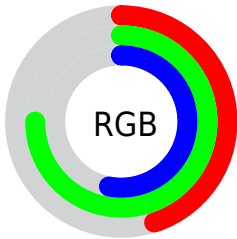
Format	Color
RYB	116, 176, 190
Decimal	7650950
CIELab	71.00, -35.09, 21.21
CIElCh	71, 41.004, 148.852
Yxy	42.1875, 0.2953, 0.4172
Android (android.graphics.Color)	4285841030 (0xFF74BE86)
YUV	161.4900, -13.5526, -39.8947
Hunter-Lab	64.9519, -31.6011, 18.9256

Details

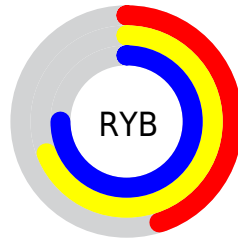
The CIELCh color **71, 41.004, 148.852** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **58, 41.254, 334.762**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 41.259, 148.505**, and **51, 40.918, 148.846** is the 20% darker color. If you saturate the color by 10%, you get **70, 50.972, 147.682**, and if you desaturate by 10%, it is **72, 30.641, 149.868**.

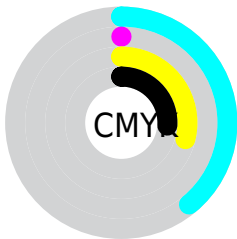
Distribution



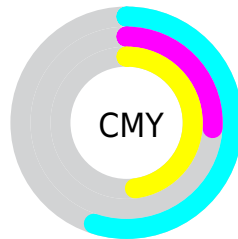
- Red (45%)
- Green (75%)
- Blue (53%)



- Red (45%)
- Yellow (69%)
- Blue (75%)



- Cyan (39%)
- Magenta (0%)
- Yellow (29%)
- Black (26%)





- Cyan (55%)
- Magenta (26%)
- Yellow (48%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 41.004, 148.852 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, 41.004, 148.852 by changing the saturation by 10% instead.


 71, 41.004,
148.852


 71, 41.004,
148.852


 100, 41.004,
148.852


 61, 41.004,
148.852


 91, 41.004,
148.852

 51, 41.004,
148.852

 41, 41.004,
148.852

 31, 41.004,
148.852

 21, 41.004,
148.852

 11, 41.004,
148.852

 1, 41.004, 148.852

0, 41.004, 148.852

71, 41.004,
148.852

71, 41.004,
148.852

70, 50.972,
147.682

72, 30.641,
149.868

69, 60.329,
146.343

74, 20.071,
150.750

68, 68.862,
144.834

75, 9.455, 151.526

68, 76.368,
143.175

77, 1.081, 331.867

67, 82.680,
141.414

79, 11.442,
332.702

67, 87.740,
139.688

81, 21.562,
333.221

83, 31.399,

■ 67, 88.204,
139.532

333.673

■ 84, 38.292,
328.615

■ 85, 40.841,
325.841

Harmonies

Complementary

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



71, 41.004, 148.852



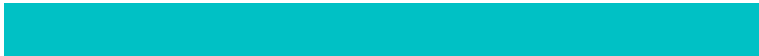
58, 41.254, 334.762

Rectangle

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



71, 41.004, 148.852



71, 41.004, 198.852



71, 41.004, 328.852



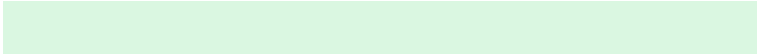
71, 41.004, 18.852

Sweetspot

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



71, 41.005, 148.852



95, 15.699, 151.285



74, 39.654, 116.784



51, 10.505, 151.184



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, 41.005, 148.852



89, 60.739, 147.832



72, 27.790, 174.395



39, 5.942, 151.498



57, 76.553, 139.796



9, 19.231, 149.401

Inverse Universe

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



58, 41.254, 334.762



70, 60.912, 335.445



57, 31.690, 3.013



37, 5.965, 332.657



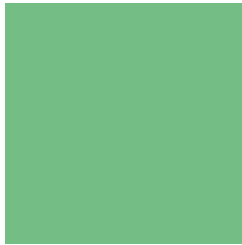
35, 67.227, 340.723



3, 16.915, 336.583

Previews

White Background



This preview shows how the CIELCh color 71, 41.004, 148.852 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, 41.004, 148.852 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, 41.004, 148.852

Background



This preview shows how black text looks on a background with the CIELCh color 71, 41.004, 148.852.

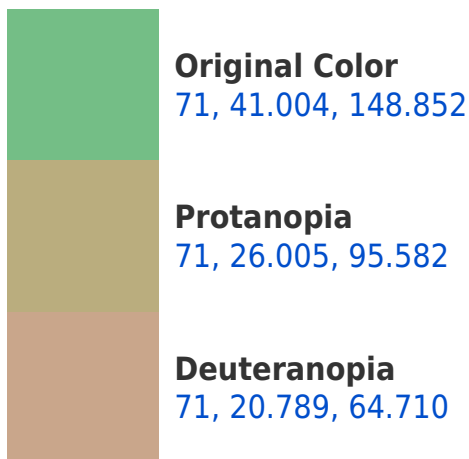


This preview shows how white text looks on a background with the CIELCh color 71, 41.004, 148.852.

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, 18.767, 222.400

Trichromacy



Original Color
71, 41.004, 148.852



Protanomaly
70, 28.030, 123.341



Deuteranomaly
70, 20.683, 113.689



Tritanomaly
71, 22.301, 180.451

Monochromacy



Original Color
71, 41.004, 148.852



Achromatopsia
66, 0.008, 296.813



Achromatomaly
68, 14.890, 150.608

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 41.004, 148.852 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(116, 190, 134)` looks like.

```
.text, #text, p{  
    color:rgb(116, 190, 134)  
}
```

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(116, 190, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 190, 134) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 41.004, 148.852 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(116, 190, 134) }
```

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

```
.border{ border-color:rgb(116, 190, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 190, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 190, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 190, 134);  
box-shadow:4px 4px 4px 4px rgb(116, 190,  
134) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 41.004, 148.852 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 190, 134) }
```

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

```
.background{ background-color: rgb(116,  
190, 134) }
```

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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