

Converting Colors

CIELCh(71, 40.112, 153.928)

Have a look what the booklet for
CIELCh(71, 40.112, 153.928)
contains.

CIELCh(71, 40.105, 153.867)	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(71, 40.105, 153.867)

Conversions

Conversions Part 1

Format	Color
Hex	6DBE8C
RGB	109, 190, 140
RGB Percent	43%, 75%, 55%
CMY	0.5710, 0.2533, 0.4495
CMYK	0.43, 0.00, 0.26, 0.25
HSL	143°, 39%, 59%
HSV	143°, 43%, 75%
XYZ	29.6215, 42.1875, 31.5427
YIQ	160.0810, -32.2260, -32.7220

Conversions

Conversions Part 2

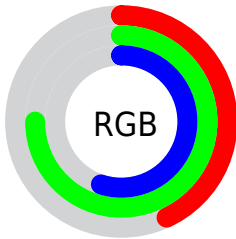
Format	Color
RYB	109, 168, 190
Decimal	7192204
CIELab	71.00, -36.01, 17.66
CIELCh	71, 40.105, 153.867
Yxy	42.1875, 0.2866, 0.4082
Android (android.graphics.Color)	4285382284 (0xFF6DBE8C)
YUV	160.0810, -9.8999, -44.7980
Hunter-Lab	64.9519, -32.2603, 16.6732

Details

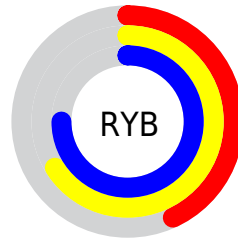
The CIELCh color **71, 40.105, 153.867** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **57, 41.028, 341.436**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 40.095, 153.934**, and **51, 39.899, 153.968** is the 20% darker color. If you saturate the color by 10%, you get **70, 48.821, 152.564**, and if you desaturate by 10%, it is **72, 30.951, 155.006**.

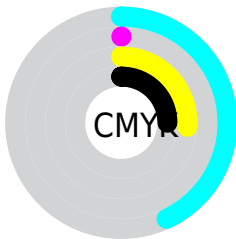
Distribution



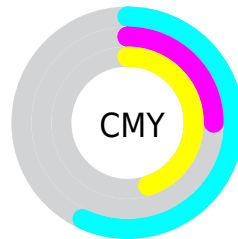
- Red (43%)
- Green (75%)
- Blue (55%)



- Red (43%)
- Yellow (66%)
- Blue (75%)



- Cyan (43%)
- Magenta (0%)
- Yellow (26%)
- Black (25%)





- Cyan (57%)
- Magenta (25%)
- Yellow (45%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 40.105, 153.867 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, 40.105, 153.867 by changing the saturation by 10% instead.


 71, 40.105,
153.867


 71, 40.105,
153.867


 100, 40.105,
153.867


 61, 40.105,
153.867


 91, 40.105,
153.867

 51, 40.105,
153.867

 41, 40.105,
153.867

 31, 40.105,
153.867

 21, 40.105,
153.867

 11, 40.105,
153.867

 1, 40.105, 153.867

■ 0, 40.105, 153.867

■ 71, 40.105,
153.867

■ 71, 40.105,
153.867

■ 70, 48.821,
152.564

■ 72, 30.951,
155.006

■ 69, 56.929,
151.077

■ 74, 21.523,
156.007

■ 69, 64.277,
149.392

■ 75, 11.968,
156.895

■ 68, 70.754,
147.510

■ 77, 2.412, 157.786

■ 78, 7.048, 338.281

■ 68, 76.309,
145.460

■ 80, 16.340,
338.929

■ 68, 79.947,
143.922

■ 83, 25.414,

339.498

■ 84, 32.541,
336.885

■ 84, 36.916,
329.920

Harmonies

Complementary

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



71, 40.105, 153.867



57, 41.028, 341.436

Rectangle

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



71, 40.105, 153.867



71, 40.105, 203.867



71, 40.105, 333.867



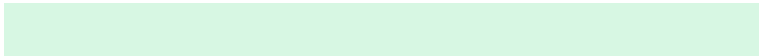
71, 40.105, 23.867

Sweetspot

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



71, 40.106, 153.867



95, 15.342, 156.839



73, 44.307, 122.070



50, 10.828, 156.647



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, 40.106, 153.867



89, 58.677, 152.664



72, 27.500, 184.831



39, 5.361, 157.163



57, 69.160, 144.251



9, 17.883, 152.935

Inverse Universe

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



57, 41.028, 341.436



68, 59.943, 342.462



55, 34.315, 13.685



37, 5.402, 338.473



34, 61.772, 351.026



3, 15.056, 344.633

Previews

White Background



This preview shows how the CIELCh color 71, 40.105, 153.867 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 CIE LCh color 71, 40.105, 153.867 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

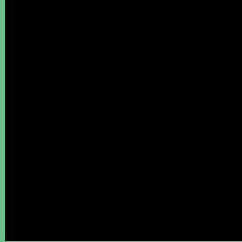
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 40.105, 153.867

Background



This preview shows how black text looks on a background with the CIELCh color 71, 40.105, 153.867.

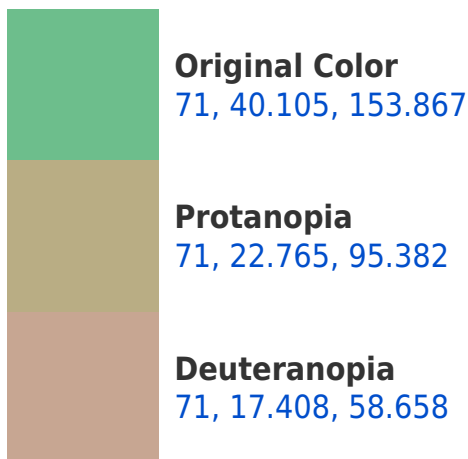


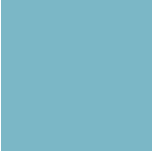
This preview shows how white text looks on a background with the CIELCh color 71, 40.105, 153.867.

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, 20.724, 221.513

Trichromacy



Original Color
71, 40.105, 153.867



Protanomaly
70, 25.238, 127.137



Deuteranomaly
70, 17.223, 120.417



Tritanomaly
71, 23.677, 185.473

Monochromacy



Original Color
71, 40.105, 153.867



Achromatopsia
66, 0.008, 296.813



Achromatomaly
67, 14.871, 156.386

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 40.105, 153.867 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(109, 190, 140)` looks like.

```
.text, #text, p{  
    color:rgb(109, 190, 140)  
}
```

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(109, 190, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 190, 140) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 40.105, 153.867 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(109, 190, 140) }
```

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

```
.border{ border-color:rgb(109, 190, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 190, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 190, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 190, 140);  
box-shadow:4px 4px 4px 4px rgb(109, 190,  
140) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 40.105, 153.867 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 190, 140) }
```

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

```
.background{ background-color: rgb(109,  
190, 140) }
```

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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