

Converting Colors

CIELCh(71, 43.601, 128.675)

Have a look what the booklet for
CIELCh(71, 43.601, 128.675)
contains.

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Color

CIELCh(71, 43.650, 128.557)

Conversions

Conversions Part 1

Format	Color
Hex	91BA6E
RGB	145, 186, 110
RGB Percent	57%, 73%, 43%
CMY	0.4319, 0.2711, 0.5691
CMYK	0.22, 0.00, 0.41, 0.27
HSL	92°, 35%, 58%
HSV	92°, 41%, 73%
XYZ	31.9884, 42.1875, 21.1710
YIQ	165.0770, -0.0400, -32.3280

Conversions

Conversions Part 2

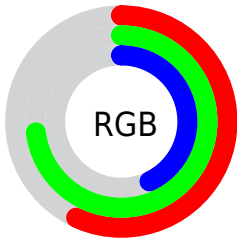
Format	Color
RYB	110, 186, 151
Decimal	9550446
CIELab	71.00, -27.21, 34.13
CIELCh	71, 43.650, 128.557
Yxy	42.1875, 0.3355, 0.4425
Android (android.graphics.Color)	4287740526 (0xFF91BA6E)
YUV	165.0770, -27.1530, -17.6075
Hunter-Lab	64.9519, -25.7558, 26.1409

Details

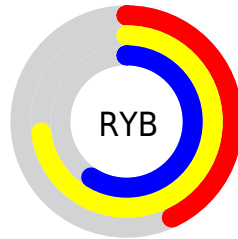
The CIELCh color $71, 43.650, 128.557$ is a dark color, and the websafe version is hex $99CC66$. A complement of this color would be $53, 46.017, 312.366$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $91, 43.298, 128.649$, and $51, 43.608, 128.596$ is the 20% darker color. If you saturate the color by 10%, you get $70, 53.760, 128.123$, and if you desaturate by 10%, it is $72, 33.160, 129.035$.

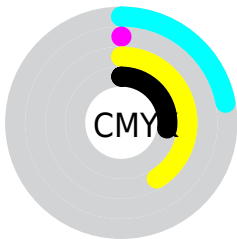
Distribution



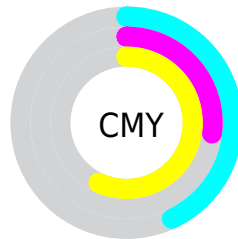
- Red (57%)
- Green (73%)
- Blue (43%)



- Red (43%)
- Yellow (73%)
- Blue (59%)



- Cyan (22%)
- Magenta (0%)
- Yellow (41%)
- Black (27%)





- Cyan (43%)
- Magenta (27%)
- Yellow (57%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 43.650, 128.557 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, 43.650, 128.557 by changing the saturation by 10% instead.


 71, 43.650,
128.557


 71, 43.650,
128.557


 100, 43.650,
128.557


 61, 43.650,
128.557


 91, 43.650,
128.557

 51, 43.650,
128.557

 41, 43.650,
128.557

 31, 43.650,
128.557

 21, 43.650,
128.557

 11, 43.650,
128.557

 1, 43.650, 128.557

■ 0, 43.650, 128.557

■ 71, 43.650,
128.557

■ 71, 43.650,
128.557

■ 70, 53.760,
128.123

■ 72, 33.160,
129.035

■ 69, 63.228,
127.790

■ 73, 22.467,
129.516

■ 69, 71.697,
127.650

■ 74, 11.698,
129.982

■ 68, 78.723,
127.823

■ 75, 0.942, 130.533

■ 68, 83.884,
128.431

■ 77, 9.738, 310.783

■ 67, 87.106,
129.298

■ 78, 20.297,
311.146

■ 80, 30.704,

311.468

■ 81, 39.186,
312.616

■ 82, 40.343,
317.295

Harmonies

Complementary

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



71, 43.650, 128.557



53, 46.017, 312.366

Rectangle

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



71, 43.650, 128.557



71, 43.650, 178.557



71, 43.650, 308.557



71, 43.650, 358.557

Sweetspot

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



71, 43.651, 128.558



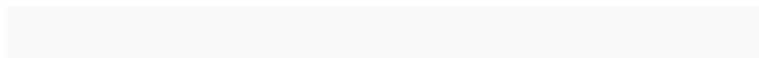
94, 15.996, 129.922



65, 27.471, 73.704



50, 10.699, 129.862



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



71, 43.651, 128.558



89, 64.292, 128.166



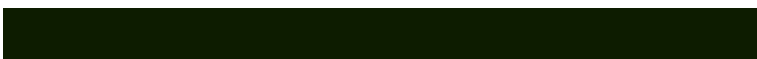
69, 49.040, 142.219



38, 6.024, 130.053



57, 76.195, 129.078



8, 17.046, 134.336

Inverse Universe

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



53, 46.017, 312.366



63, 68.641, 312.797



57, 48.931, 327.558



36, 6.099, 310.825



25, 85.419, 312.984



2, 16.062, 306.255

Previews

White Background



This preview shows how the CIELCh color 71, 43.650, 128.557 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, 43.650, 128.557 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, 43.650, 128.557

Background



This preview shows how black text looks on a background with the CIELCh color 71, 43.650, 128.557.



This preview shows how white text looks on a background with the CIELCh color 71, 43.650, 128.557.

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](#).

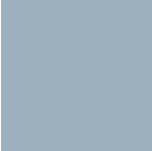
Dichromacy



Original Color
71, 43.650, 128.557

Protanopia
71, 37.118, 95.785

Deuteranopia
71, 33.883, 75.013



Tritanopia
71, 10.020, 249.023

Trichromacy



Original Color
71, 43.650, 128.557

Protanomaly
71, 37.857, 109.585

Deuteranomaly
70, 33.215, 98.004

Tritanomaly
71, 14.591, 153.080

Monochromacy



Original Color
71, 43.650, 128.557

Achromatopsia
68, 0.008, 296.813

Achromatomaly
69, 16.403, 129.609

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 43.650, 128.557 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(145, 186, 110)` looks like.

```
.text, #text, p{  
    color:rgb(145, 186, 110)  
}
```

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(145, 186, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 186, 110) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 43.650, 128.557 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(145, 186, 110) }
```

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

```
.border{ border-color:rgb(145, 186, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 186, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 186, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 186, 110);  
box-shadow:4px 4px 4px 4px rgb(145, 186,  
110) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 43.650, 128.557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 186, 110) }
```

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

```
.background{ background-color: rgb(145,  
186, 110) }
```

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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