

Converting Colors

CIELCh(71, 18.672, 146.230)

Have a look what the booklet for
CIELCh(71, 18.672, 146.230)
contains.

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Color

CIELCh(71, 18.692, 146.224)

Conversions

Conversions Part 1

Format	Color
Hex	97B59A
RGB	151, 181, 154
RGB Percent	59%, 71%, 60%
CMY	0.4062, 0.2885, 0.3945
CMYK	0.17, 0.00, 0.15, 0.29
HSL	126°, 17%, 65%
HSV	126°, 17%, 71%
XYZ	35.3175, 42.1875, 37.0342
YIQ	168.9520, -9.2130, -14.7570

Conversions

Conversions Part 2

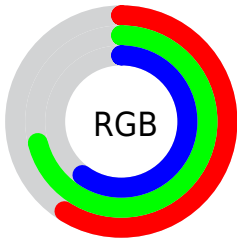
Format	Color
RYB	151, 178, 181
Decimal	9942426
CIELab	71.00, -15.54, 10.39
CIELCh	71, 18.692, 146.224
Yxy	42.1875, 0.3083, 0.3683
Android (android.graphics.Color)	4288132506 (0xFF97B59A)
YUV	168.9520, -7.3713, -15.7439
Hunter-Lab	64.9519, -16.6066, 11.6604

Details

The CIELCh color $71, 18.692, 146.224$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $66, 18.726, 328.205$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 19.016, 146.243$, and $51, 18.518, 146.082$ is the 20% darker color. If you saturate the color by 10%, you get $70, 30.038, 145.432$, and if you desaturate by 10%, it is $73, 7.350, 146.919$.

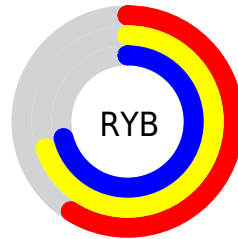
Distribution



Red (59%)

Green (71%)

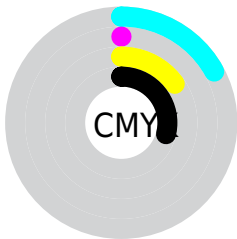
Blue (60%)



Red (59%)

Yellow (70%)

Blue (71%)

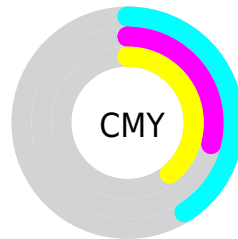


Cyan (17%)

Magenta (0%)

Yellow (15%)

Black (29%)



Cyan (41%)


Magenta (29%)


Yellow (39%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 18.692, 146.224 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, 18.692, 146.224 by changing the saturation by 10% instead.


 71, 18.692,
146.224


 71, 18.692,
146.224


 100, 18.692,
146.224


 61, 18.692,
146.224


 91, 18.692,
146.224

 51, 18.692,
146.224

 41, 18.692,
146.224

 31, 18.692,
146.224

 21, 18.692,
146.224

 11, 18.692,
146.224

 1, 18.692, 146.224

■ 0, 18.692, 146.224

■ 71, 18.692,
146.224

■ 71, 18.692,
146.224

■ 70, 30.038,
145.432

■ 73, 7.350, 146.919

■ 68, 41.206,
144.515

■ 74, 3.861, 327.391

■ 67, 51.978,
143.462

■ 76, 14.847,
327.934

■ 66, 62.087,
142.274

■ 79, 25.545,
328.365

■ 66, 71.230,
140.976

■ 81, 35.920,
328.733

■ 65, 79.079,
139.625

■ 83, 45.000,
327.012

■ 83, 46.082,

■ 65, 85.305,
138.317

326.019

■ 64, 89.645,
137.193

■ 64, 90.746,
136.922

Harmonies

Complementary

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



71, 18.692, 146.224



66, 18.726, 328.205

Rectangle

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



71, 18.692, 146.224



71, 18.692, 196.224



71, 18.692, 326.224



71, 18.692, 16.224

Sweetspot

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



71, 18.694, 146.224



92, 6.911, 147.019



73, 16.208, 112.084



49, 4.715, 146.971



96, 0.011, 296.813



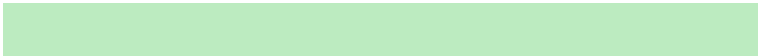
49, 0.007, 296.813

Same Dimension

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



71, 18.694, 146.224



89, 27.880, 145.938



71, 13.082, 166.937



38, 6.439, 146.730



56, 80.739, 137.055



8, 17.969, 146.473

Inverse Universe

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



66, 18.726, 328.205



81, 27.926, 328.428



66, 13.479, 349.900



36, 6.452, 327.778



36, 73.942, 332.593



3, 16.996, 328.921

Previews

White Background



This preview shows how the CIELCh color 71, 18.692, 146.224 looks on a white background.

Color Contrast Check

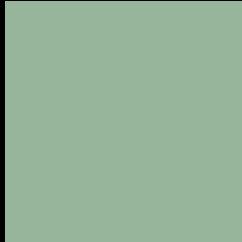
Large Text (above 18pt) WCAG AA × Fail

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, 18.692, 146.224 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

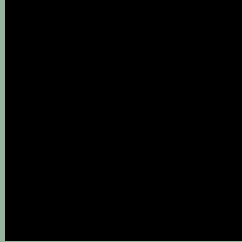
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 18.692, 146.224

Background



This preview shows how black text looks on a background with the CIELCh color 71, 18.692, 146.224.



This preview shows how white text looks on a background with the CIELCh color 71, 18.692, 146.224.

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](#).

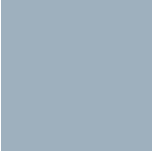
Dichromacy



Original Color
71, 18.692, 146.224

Protanopia
71, 12.997, 92.931

Deuteranopia
71, 12.774, 45.332



Tritanopia
71, 9.803, 250.558

Trichromacy



Original Color
71, 18.692, 146.224

Protanomaly
71, 13.182, 117.415

Deuteranomaly
71, 9.247, 89.456

Tritanomaly
71, 8.023, 194.886

Monochromacy



Original Color
71, 18.692, 146.224

Achromatopsia
69, 0.009, 296.813

Achromatomaly
70, 6.905, 146.665

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 18.692, 146.224 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(151, 181, 154)` looks like.

```
.text, #text, p{  
    color:rgb(151, 181, 154)  
}
```

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(151, 181, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 181, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 18.692, 146.224 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(151, 181, 154) }
```

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

```
.border{ border-color:rgb(151, 181, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 181, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 181, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 181, 154);  
box-shadow:4px 4px 4px 4px rgb(151, 181,  
154) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 18.692, 146.224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 181, 154) }
```

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

```
.background{ background-color: rgb(151,  
181, 154) }
```

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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