

Converting Colors

CIELCh(74, 20.966, 137.842)

Have a look what the booklet for
CIELCh(74, 20.966, 137.842)
contains.

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Color

CIELCh(74, 20.426, 137.622)

Conversions

Conversions Part 1

Format	Color
Hex	A3BD9C
RGB	163, 189, 156
RGB Percent	64%, 74%, 61%
CMY	0.3600, 0.2580, 0.3874
CMYK	0.14, 0.00, 0.17, 0.26
HSL	107°, 20%, 68%
HSV	107°, 17%, 74%
XYZ	39.4097, 46.7039, 38.4825
YIQ	177.4640, -4.9030, -15.7750

Conversions

Conversions Part 2

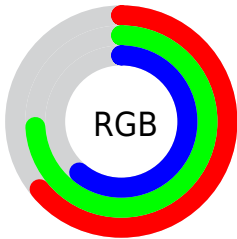
Format	Color
RYB	156, 189, 182
Decimal	10730908
CIELab	74.00, -15.09, 13.77
CIELCh	74, 20.426, 137.622
Yxy	46.7039, 0.3163, 0.3748
Android (android.graphics.Color)	4288920988 (0xFFA3BD9C)
YUV	177.4640, -10.5818, -12.6849
Hunter-Lab	68.3403, -16.6602, 14.4519

Details

The CIELCh color $74, 20.426, 137.622$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $68, 20.612, 319.200$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 20.060, 137.984$, and $54, 20.523, 137.895$ is the 20% darker color. If you saturate the color by 10%, you get $73, 32.170, 137.055$, and if you desaturate by 10%, it is $75, 8.678, 138.138$.

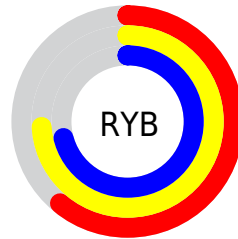
Distribution



Red (64%)

Green (74%)

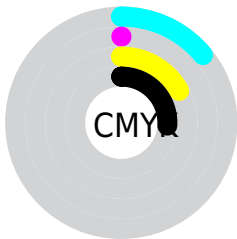
Blue (61%)



Red (61%)

Yellow (74%)

Blue (71%)

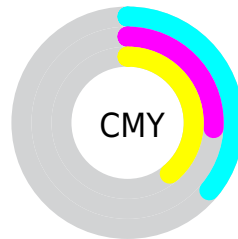


Cyan (14%)

Magenta (0%)

Yellow (17%)

Black (26%)



Cyan (36%)


Magenta (26%)


Yellow (39%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 20.426, 137.622 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 74, 20.426, 137.622 by changing the saturation by 10% instead.

 74, 20.426,
137.622

 74, 20.426,
137.622


 100, 20.426,
137.622


 64, 20.426,
137.622


 94, 20.426,
137.622

 54, 20.426,
137.622

 44, 20.426,
137.622

 34, 20.426,
137.622

 24, 20.426,
137.622

 14, 20.426,
137.622

 4, 20.426, 137.622

0, 20.426, 137.622

74, 20.426,
137.622

74, 20.426,
137.622

73, 32.170,
137.055

75, 8.678, 138.138

71, 43.753,
136.433

77, 2.970, 318.488

70, 54.968,
135.778

79, 14.437,
318.921

69, 65.533,
135.131

81, 25.673,
319.254

69, 75.073,
134.566

83, 36.643,
319.536

68, 83.120,
134.193

84, 40.841,
324.844

84, 41.243,

■ 68, 89.180,
134.138

325.855

■ 67, 93.014,
134.454

■ 67, 93.808,
134.521

Harmonies

Complementary

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



74, 20.426, 137.622



68, 20.612, 319.200

Rectangle

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



74, 20.426, 137.622



74, 20.426, 187.622



74, 20.426, 317.622



74, 20.426, 7.622

Sweetspot

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



74, 20.428, 137.623



95, 7.171, 138.258



74, 14.197, 97.362



51, 4.893, 138.222



98, 0.011, 296.813



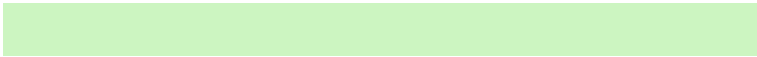
51, 0.007, 296.813

Same Dimension

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



74, 20.428, 137.623



93, 30.337, 137.409



74, 17.857, 152.371



39, 6.598, 138.043



57, 81.985, 134.385



9, 20.590, 140.209

Inverse Universe

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



68, 20.612, 319.200



83, 30.663, 319.374



68, 17.976, 334.791



37, 6.637, 318.835



31, 82.507, 320.368



3, 19.489, 316.219

Previews

White Background



This preview shows how the CIELCh color 74, 20.426, 137.622 looks on a white background.

Color Contrast Check

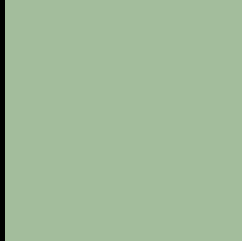
Large Text (above 18pt) WCAG AA × Fail

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 74, 20.426, 137.622 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

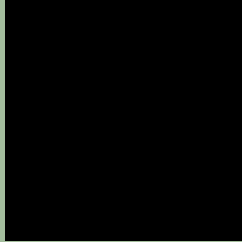
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 20.426, 137.622

Background



This preview shows how black text looks on a background with the CIELCh color 74, 20.426, 137.622.



This preview shows how white text looks on a background with the CIELCh color 74, 20.426, 137.622.

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](#).

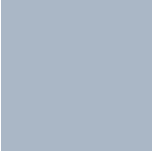
Dichromacy



Original Color
74, 20.426, 137.622

Protanopia
74, 16.118, 94.346

Deuteranopia
74, 15.476, 53.909



Tritanopia
74, 9.230, 261.164

Trichromacy



Original Color
74, 20.426, 137.622

Protanomaly
74, 16.174, 112.795

Deuteranomaly
74, 12.631, 88.951

Tritanomaly
74, 6.309, 189.073

Monochromacy



Original Color
74, 20.426, 137.622

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 7.358, 137.036

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 20.426, 137.622 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(163, 189, 156)` looks like.

```
.text, #text, p{  
    color:rgb(163, 189, 156)  
}
```

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(163, 189, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 189, 156) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 20.426, 137.622 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(163, 189, 156) }
```

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

```
.border{ border-color:rgb(163, 189, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 189, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 189, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 189, 156);  
box-shadow:4px 4px 4px 4px rgb(163, 189,  
156) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 20.426, 137.622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 189, 156) }
```

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

```
.background{ background-color: rgb(163,  
189, 156) }
```

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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