

Converting Colors

CIELCh(74, 20.926, 143.422)

Have a look what the booklet for
CIELCh(74, 20.926, 143.422)
contains.

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Color

CIELCh(74, 20.509, 143.444)

Conversions

Conversions Part 1

Format	Color
Hex	9FBE9F
RGB	159, 190, 159
RGB Percent	62%, 75%, 62%
CMY	0.3764, 0.2549, 0.3764
CMYK	0.16, 0.00, 0.16, 0.25
HSL	120°, 19%, 68%
HSV	120°, 16%, 75%
XYZ	38.9720, 46.7039, 39.7637
YIQ	177.1970, -8.5250, -16.2130

Conversions

Conversions Part 2

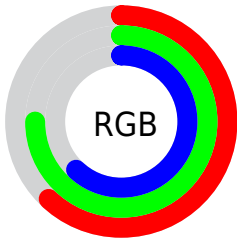
Format	Color
RYB	159, 190, 190
Decimal	10469023
CIELab	74.00, -16.47, 12.22
CIELCh	74, 20.509, 143.444
Yxy	46.7039, 0.3107, 0.3723
Android (android.graphics.Color)	4288659103 (0xFF9FBE9F)
YUV	177.1970, -8.9711, -15.9588
Hunter-Lab	68.3403, -17.8033, 13.3404

Details

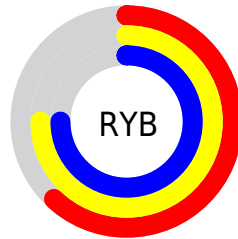
The CIELCh color **74, 20.509, 143.444** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **69, 20.530, 325.317**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 20.140, 143.660**, and **54, 20.632, 143.961** is the 20% darker color. If you saturate the color by 10%, you get **72, 33.126, 142.677**, and if you desaturate by 10%, it is **76, 7.892, 144.114**.

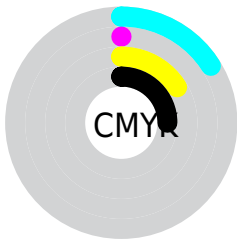
Distribution



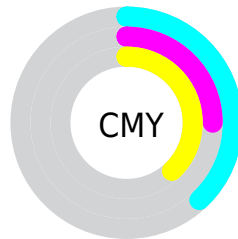
- Red (62%)
- Green (75%)
- Blue (62%)



- Red (62%)
- Yellow (75%)
- Blue (75%)



- Cyan (16%)
- Magenta (0%)
- Yellow (16%)
- Black (25%)



- Cyan (38%)
- Magenta (25%)
- Yellow (38%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 20.509, 143.444 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, 20.509, 143.444 by changing the saturation by 10% instead.

 74, 20.509,
143.444

 74, 20.509,
143.444

 100, 20.509,
143.444

 64, 20.509,
143.444

 94, 20.509,
143.444

 54, 20.509,
143.444

 44, 20.509,
143.444

 34, 20.509,
143.444

 24, 20.509,
143.444

 14, 20.509,
143.444

 4, 20.509, 143.444

0, 20.509, 143.444

74, 20.509,
143.444

74, 20.509,
143.444

72, 33.126,
142.677

76, 7.892, 144.114

71, 45.523,
141.791

78, 4.574, 324.580

70, 57.421,
140.787

80, 16.780,
325.085

69, 68.464,
139.690

82, 28.655,
325.486

68, 78.224,
138.559

85, 40.161,
325.822

68, 86.206,
137.502

85, 40.750,
325.838

■ 67, 91.928,
136.662

■ 67, 95.141,
136.157

■ 67, 96.008,
136.016

Harmonies

Complementary

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



74, 20.509, 143.444



69, 20.530, 325.317

Rectangle

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



74, 20.509, 143.444



74, 20.509, 193.444



74, 20.509, 323.444



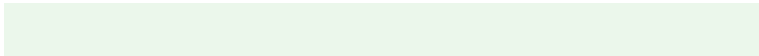
74, 20.509, 13.444

Sweetspot

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



74, 20.511, 143.444



96, 7.730, 144.195



76, 16.559, 108.613



52, 5.320, 144.148



99, 0.012, 296.813



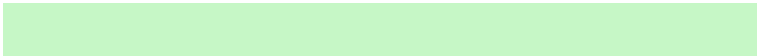
52, 0.007, 296.813

Same Dimension

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



74, 20.511, 143.444



93, 31.181, 143.150



74, 14.238, 162.277



39, 7.057, 143.918



57, 83.795, 136.016



9, 21.678, 144.392

Inverse Universe

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



69, 20.530, 325.317



85, 31.203, 325.536



69, 14.532, 345.025



37, 7.068, 324.929



37, 80.848, 328.233



3, 21.490, 325.461

Previews

White Background



This preview shows how the CIELCh color 74, 20.509, 143.444 looks on a white background.

Color Contrast Check

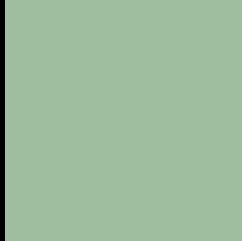
Large Text (above 18pt) WCAG AA × Fail

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 74, 20.509, 143.444 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

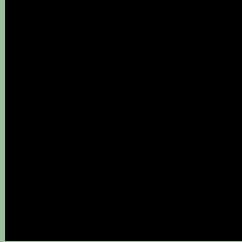
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 20.509, 143.444

Background



This preview shows how black text looks on a background with the CIELCh color 74, 20.509, 143.444.

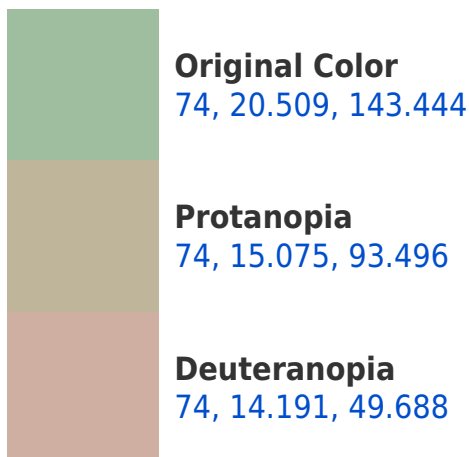


This preview shows how white text looks on a background with the CIELCh color 74, 20.509, 143.444.

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
74, 10.143, 252.558

Trichromacy



Original Color
74, 20.509, 143.444

Protanomaly
74, 15.198, 116.103

Deuteranomaly
74, 10.833, 90.216

Tritanomaly
74, 8.399, 191.357

Monochromacy



Original Color
74, 20.509, 143.444

Achromatopsia
72, 0.009, 296.813

Achromatomaly
73, 7.956, 144.097

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 20.509, 143.444 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(159, 190, 159)` looks like.

```
.text, #text, p{  
    color:rgb(159, 190, 159)  
}
```

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(159, 190, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 190, 159) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 20.509, 143.444 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(159, 190, 159) }
```

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

```
.border{ border-color:rgb(159, 190, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 190, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(159, 190, 159); -webkit-box-shadow:4px 4px 4px 4px rgb(159, 190, 159); box-shadow:4px 4px 4px 4px rgb(159, 190, 159) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 20.509, 143.444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 190, 159) }
```

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

```
.background{ background-color: rgb(159,  
190, 159) }
```

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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