

Converting Colors

CIELCh(74, 20.503, 154.951)

Have a look what the booklet for
CIELCh(74, 20.503, 154.951)
contains.

CIELCh(74, 20.549, 154.753)	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(74, 20.549, 154.753)

Conversions

Conversions Part 1

Format	Color
Hex	97BFA5
RGB	151, 191, 165
RGB Percent	59%, 75%, 65%
CMY	0.4069, 0.2499, 0.3519
CMYK	0.21, 0.00, 0.14, 0.25
HSL	141°, 24%, 67%
HSV	141°, 21%, 75%
XYZ	38.3111, 46.7039, 42.7133
YIQ	176.0760, -15.4940, -16.5660

Conversions

Conversions Part 2

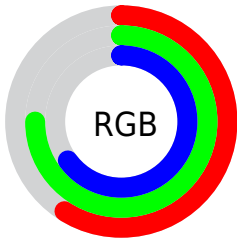
Format	Color
RYB	151, 181, 191
Decimal	9944997
CIELab	74.00, -18.59, 8.76
CIELCh	74, 20.549, 154.753
Yxy	46.7039, 0.2999, 0.3657
Android (android.graphics.Color)	4288135077 (0xFF97BFA5)
YUV	176.0760, -5.4605, -21.9917
Hunter-Lab	68.3403, -19.5296, 10.7814

Details

The CIELCh color **74, 20.549, 154.753** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **67, 20.789, 337.912**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 20.194, 154.753**, and **54, 20.440, 154.965** is the 20% darker color. If you saturate the color by 10%, you get **73, 30.300, 153.790**, and if you desaturate by 10%, it is **76, 10.706, 155.606**.

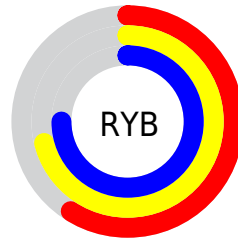
Distribution



Red (59%)

Green (75%)

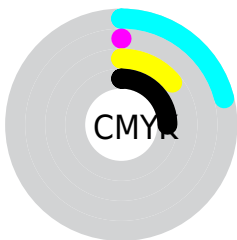
Blue (65%)



Red (59%)

Yellow (71%)

Blue (75%)

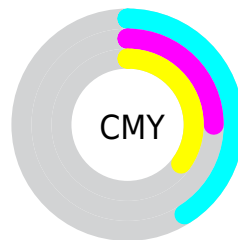


Cyan (21%)

Magenta (0%)

Yellow (14%)

Black (25%)



Cyan (41%)


Magenta (25%)


Yellow (35%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 20.549, 154.753 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, 20.549, 154.753 by changing the saturation by 10% instead.


 74, 20.549,
154.753

 74, 20.549,
154.753


 100, 20.549,
154.753


 64, 20.549,
154.753


 94, 20.549,
154.753

 54, 20.549,
154.753

 44, 20.549,
154.753

 34, 20.549,
154.753

 24, 20.549,
154.753

 14, 20.549,
154.753

 4, 20.549, 154.753

■ 0, 20.549, 154.753

■ 74, 20.549,
154.753

■ 74, 20.549,
154.753

■ 73, 30.300,
153.790

■ 76, 10.706,
155.606

■ 71, 39.804,
152.691

■ 77, 0.890, 156.698

■ 70, 48.894,
151.431

■ 79, 8.804, 336.930

■ 70, 57.390,
149.991

■ 81, 18.306,
337.537

■ 69, 65.126,
148.358

■ 83, 27.569,
338.072

■ 68, 71.966,
146.534

■ 84, 33.952,
333.549

■ 85, 38.839,

■ 68, 77.833,
144.550

327.002

■ 68, 82.393,
142.725

■ 85, 39.968,
325.811

Harmonies

Complementary

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



74, 20.549, 154.753



67, 20.789, 337.912

Rectangle

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



74, 20.549, 154.753



74, 20.549, 204.753



74, 20.549, 334.753



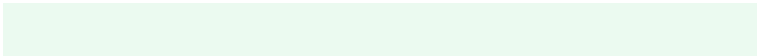
74, 20.549, 24.753

Sweetspot

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



74, 20.551, 154.752



97, 7.291, 155.999



75, 22.006, 121.910



52, 4.838, 155.945



99, 0.012, 296.813



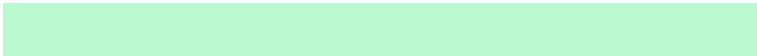
52, 0.007, 296.813

Same Dimension

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



74, 20.551, 154.752



93, 30.500, 154.336



74, 14.710, 184.034



40, 5.615, 155.731



58, 71.926, 143.021



10, 20.376, 151.398

Inverse Universe

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



67, 20.789, 337.912



83, 30.915, 338.281



66, 16.139, 7.892



38, 5.651, 337.008



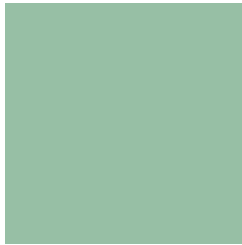
35, 63.556, 348.436



3, 17.518, 343.221

Previews

White Background



This preview shows how the CIELCh color 74, 20.549, 154.753 looks on a white background.

Color Contrast Check

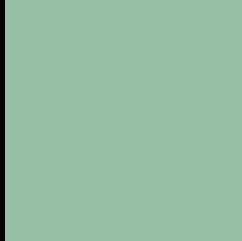
Large Text (above 18pt) WCAG AA × Fail

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, 20.549, 154.753 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

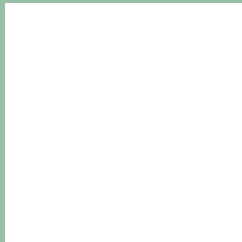
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 20.549, 154.753

Background



This preview shows how black text looks on a background with the CIELCh color 74, 20.549, 154.753.



This preview shows how white text looks on a background with the CIELCh color 74, 20.549, 154.753.

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, 20.549, 154.753

Protanopia

74, 11.850, 91.752

Deuteranopia

74, 11.772, 36.148



Tritanopia

74, 12.400, 239.967

Trichromacy



Original Color
74, 20.549, 154.753

Protanomaly
74, 12.882, 124.576

Deuteranomaly
74, 7.170, 97.119

Tritanomaly
74, 11.327, 198.556

Monochromacy



Original Color
74, 20.549, 154.753

Achromatopsia
72, 0.009, 296.813

Achromatomaly
73, 7.847, 155.121

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 20.549, 154.753 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, 191, 165)` looks like.

```
.text, #text, p{  
    color:rgb(151, 191, 165)  
}
```

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, 191, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 191, 165) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 20.549, 154.753 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, 191, 165) }
```

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

```
.border{ border-color:rgb(151, 191, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 191, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 191, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 191, 165);  
box-shadow:4px 4px 4px 4px rgb(151, 191,  
165) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 20.549, 154.753 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 191, 165) }
```

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

```
.background{ background-color: rgb(151,  
191, 165) }
```

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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