

Converting Colors

CIELCh(74, 23.390, 152.129)

Have a look what the booklet for
CIELCh(74, 23.390, 152.129)
contains.

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Color

CIELCh(74, 23.286, 151.784)

Conversions

Conversions Part 1

Format	Color
Hex	95C0A1
RGB	149, 192, 161
RGB Percent	58%, 75%, 63%
CMY	0.4154, 0.2468, 0.3683
CMYK	0.22, 0.00, 0.16, 0.25
HSL	137°, 25%, 67%
HSV	137°, 22%, 75%
XYZ	37.7128, 46.7039, 40.7784
YIQ	175.6090, -15.6770, -18.7570

Conversions

Conversions Part 2

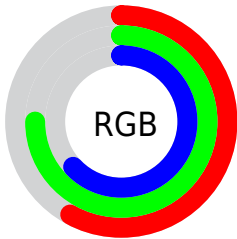
Format	Color
RYB	149, 183, 192
Decimal	9814177
CIELab	74.00, -20.52, 11.01
CIELCh	74, 23.286, 151.784
Yxy	46.7039, 0.3012, 0.3730
Android (android.graphics.Color)	4288004257 (0xFF95C0A1)
YUV	175.6090, -7.2022, -23.3361
Hunter-Lab	68.3403, -21.0923, 12.4601

Details

The CIELCh color **74, 23.286, 151.784** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **67, 23.467, 334.978**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 23.413, 151.661**, and **54, 23.331, 151.699** is the 20% darker color. If you saturate the color by 10%, you get **73, 33.615, 150.840**, and if you desaturate by 10%, it is **76, 12.857, 152.610**.

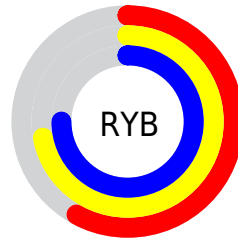
Distribution



Red (58%)

Green (75%)

Blue (63%)



Red (58%)

Yellow (72%)

Blue (75%)

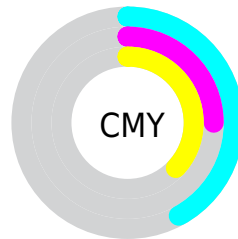


Cyan (22%)

Magenta (0%)

Yellow (16%)

Black (25%)



Cyan (42%)


Magenta (25%)


Yellow (37%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 23.286, 151.784 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, 23.286, 151.784 by changing the saturation by 10% instead.

 74, 23.286,
151.784

 74, 23.286,
151.784


 100, 23.286,
151.784


 64, 23.286,
151.784


 94, 23.286,
151.784

 54, 23.286,
151.784

 44, 23.286,
151.784

 34, 23.286,
151.784

 24, 23.286,
151.784

 14, 23.286,
151.784

 4, 23.286, 151.784

0, 23.286, 151.784

74, 23.286,
151.784

74, 23.286,
151.784

73, 33.615,
150.840

76, 12.857,
152.610

71, 43.675,
149.754

77, 2.460, 153.427

70, 53.275,
148.506

79, 7.801, 333.878

70, 62.214,
147.081

81, 17.851,
334.452

69, 70.294,
145.477

83, 27.640,
334.947

68, 77.350,
143.715

85, 35.076,
331.117

85, 39.458,

■ 68, 83.261,
141.847

325.794

■ 68, 87.036,
140.472

Harmonies

Complementary

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



74, 23.286, 151.784



67, 23.467, 334.978

Rectangle

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



74, 23.286, 151.784



74, 23.286, 201.784



74, 23.286, 331.784



74, 23.286, 21.784

Sweetspot

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



74, 23.288, 151.783



97, 8.969, 153.016



76, 23.364, 119.186



51, 5.829, 152.970



99, 0.012, 296.813



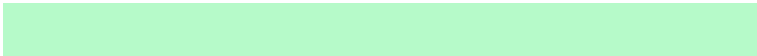
52, 0.007, 296.813

Same Dimension

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



74, 23.288, 151.783



93, 34.756, 151.324



75, 16.326, 178.679



40, 5.917, 152.843



58, 75.764, 140.745



10, 21.151, 149.666

Inverse Universe

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



67, 23.467, 334.978



82, 35.058, 335.355



66, 17.711, 3.055



38, 5.944, 334.042



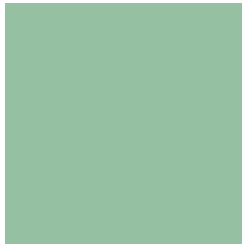
36, 66.370, 343.160



4, 18.600, 338.992

Previews

White Background



This preview shows how the CIELCh color 74, 23.286, 151.784 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, 23.286, 151.784 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

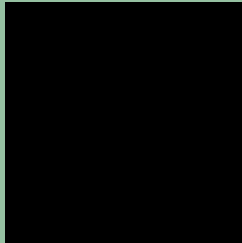
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 23.286, 151.784

Background



This preview shows how black text looks on a background with the CIELCh color 74, 23.286, 151.784.

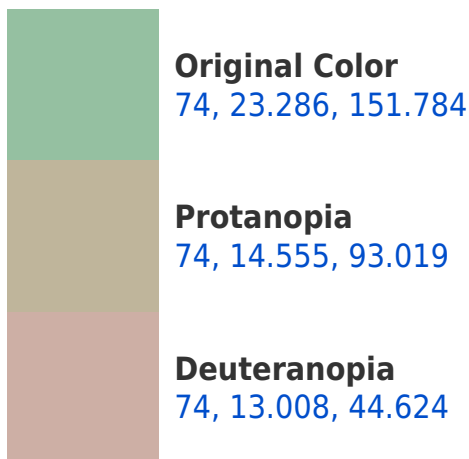


This preview shows how white text looks on a background with the CIELCh color 74, 23.286, 151.784.

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, 12.897, 238.040

Trichromacy



Original Color
74, 23.286, 151.784

Protanomaly
74, 15.482, 121.776

Deuteranomaly
74, 9.293, 99.688

Tritanomaly
74, 12.465, 193.444

Monochromacy



Original Color
74, 23.286, 151.784

Achromatopsia
72, 0.009, 296.813

Achromatomaly
73, 8.503, 154.218

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 23.286, 151.784 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(149, 192, 161)` looks like.

```
.text, #text, p{  
    color:rgb(149, 192, 161)  
}
```

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(149, 192, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 192, 161) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 23.286, 151.784 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(149, 192, 161) }
```

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

```
.border{ border-color:rgb(149, 192, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 192, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 192, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 192, 161);  
box-shadow:4px 4px 4px 4px rgb(149, 192,  
161) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 23.286, 151.784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 192, 161) }
```

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

```
.background{ background-color: rgb(149,  
192, 161) }
```

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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