

Converting Colors

CIELCh(75, 14.603, 150.722)

Have a look what the booklet for
CIELCh(75, 14.603, 150.722)
contains.

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Color

CIELCh(75, 14.579, 150.722)

Conversions

Conversions Part 1

Format	Color
Hex	A5BFAB
RGB	165, 191, 171
RGB Percent	65%, 75%, 67%
CMY	0.3524, 0.2504, 0.3289
CMYK	0.14, 0.00, 0.10, 0.25
HSL	134°, 17%, 70%
HSV	134°, 14%, 75%
XYZ	41.5670, 48.2781, 45.7210
YIQ	180.9460, -9.0760, -11.7320

Conversions

Conversions Part 2

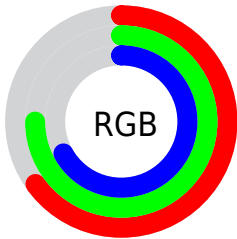
Format	Color
RYB	165, 186, 191
Decimal	10862507
CIELab	75.00, -12.72, 7.13
CIELCh	75, 14.579, 150.722
Yxy	48.2781, 0.3066, 0.3561
Android (android.graphics.Color)	4289052587 (0xFFA5BFAB)
YUV	180.9460, -4.9034, -13.9846
Hunter-Lab	69.4824, -14.8089, 9.6235

Details

The CIELCh color $75, 14.579, 150.722$ is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be $71, 14.641, 332.475$, and the grayscale version is $74, 0.009, 296.813$.

A 20% lighter version of the original color is $95, 14.499, 150.605$, and $55, 14.802, 150.737$ is the 20% darker color. If you saturate the color by 10%, you get $73, 25.353, 149.907$, and if you desaturate by 10%, it is $77, 3.837, 151.478$.

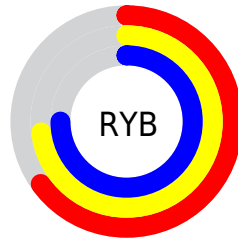
Distribution



Red (65%)

Green (75%)

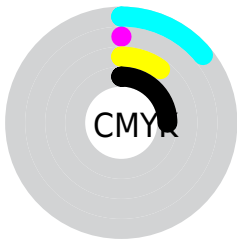
Blue (67%)



Red (65%)

Yellow (73%)

Blue (75%)

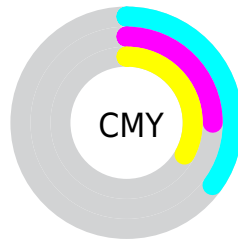


Cyan (14%)

Magenta (0%)

Yellow (10%)

Black (25%)



Cyan (35%)


Magenta (25%)


Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 14.579, 150.722 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 75, 14.579, 150.722 by changing the saturation by 10% instead.


 75, 14.579,
150.722

 75, 14.579,
150.722


 100, 14.579,
150.722


 65, 14.579,
150.722


 95, 14.579,
150.722

 55, 14.579,
150.722

 45, 14.579,
150.722

 35, 14.579,
150.722

 25, 14.579,
150.722

 15, 14.579,
150.722

 5, 14.579, 150.722

0, 14.579, 150.722

75, 14.579,
150.722

75, 14.579,
150.722

73, 25.353,
149.907

77, 3.837, 151.478

72, 36.009,
148.971

79, 6.767, 331.959

71, 46.369,
147.891

81, 17.153,
332.517

70, 56.226,
146.650

83, 27.266,
332.990

69, 65.355,
145.241

85, 35.852,
330.787

68, 73.536,
143.673

85, 40.046,
325.814

■ 68, 80.570,
141.981

■ 68, 86.298,
140.241

■ 68, 89.308,
139.215

Harmonies

Complementary

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



75, 14.579, 150.722



71, 14.641, 332.475

Rectangle

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



75, 14.579, 150.722



75, 14.579, 200.722



75, 14.579, 330.722



75, 14.579, 20.722

Sweetspot

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



75, 14.581, 150.721



96, 5.251, 151.439



76, 14.080, 117.745



52, 3.765, 151.378



99, 0.012, 296.813



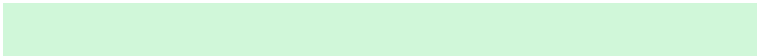
52, 0.007, 296.813

Same Dimension

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



75, 14.581, 150.721



94, 21.161, 150.516



75, 10.300, 175.911



39, 5.997, 151.040



57, 77.123, 139.480



9, 19.353, 149.111

Inverse Universe

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



71, 14.641, 332.475



87, 21.256, 332.654



70, 10.731, 358.408



37, 6.019, 332.188



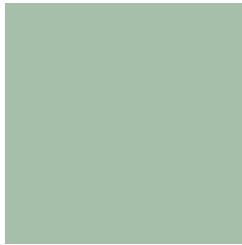
35, 67.827, 339.912



3, 17.114, 335.886

Previews

White Background



This preview shows how the CIELCh color 75, 14.579, 150.722 looks on a white background.

Color Contrast Check

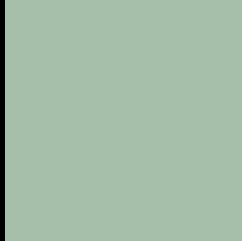
Large Text (above 18pt) WCAG AA × Fail

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 75, 14.579, 150.722 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

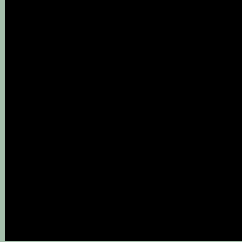
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

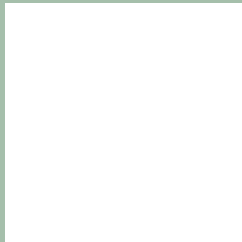
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 14.579, 150.722

Background



This preview shows how black text looks on a background with the CIELCh color 75, 14.579, 150.722.



This preview shows how white text looks on a background with the CIELCh color 75, 14.579, 150.722.

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
75, 14.579, 150.722

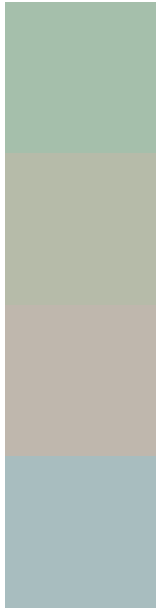
Protanopia
75, 9.639, 90.551

Deuteranopia
75, 11.038, 31.424



Tritanopia
75, 9.917, 254.106

Trichromacy



Original Color
75, 14.579, 150.722

Protanomaly
75, 9.868, 120.405

Deuteranomaly
75, 6.174, 79.959

Tritanomaly
75, 7.568, 207.118

Monochromacy



Original Color
75, 14.579, 150.722

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 5.738, 150.241

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 14.579, 150.722 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(165, 191, 171)` looks like.

```
.text, #text, p{  
    color:rgb(165, 191, 171)  
}
```

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(165, 191, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 191, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 14.579, 150.722 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(165, 191, 171) }
```

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

```
.border{ border-color:rgb(165, 191, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 191, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 191, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 191, 171);  
box-shadow:4px 4px 4px 4px rgb(165, 191,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 14.579, 150.722 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 191, 171) }
```

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

```
.background{ background-color: rgb(165,  
191, 171) }
```

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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