

Converting Colors

CIELCh(75, 14.348, 149.676)

Have a look what the booklet for
CIELCh(75, 14.348, 149.676)
contains.

CIELCh(75, 14.334, 149.681)	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(75, 14.334, 149.681)

Conversions

Conversions Part 1

Format	Color
Hex	A6BFAB
RGB	166, 191, 171
RGB Percent	65%, 75%, 67%
CMY	0.3492, 0.2512, 0.3296
CMYK	0.13, 0.00, 0.10, 0.25
HSL	132°, 16%, 70%
HSV	132°, 13%, 75%
XYZ	41.6798, 48.2781, 45.6239
YIQ	181.2450, -8.4800, -11.5200

Conversions

Conversions Part 2

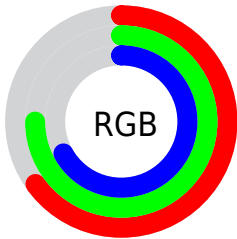
Format	Color
R_{YB}	166, 187, 191
Decimal	10928043
CIE _{Lab}	75.00, -12.37, 7.24
CIE _{LCh}	75, 14.334, 149.681
Yxy	48.2781, 0.3074, 0.3561
Android (android.graphics.Color)	4289118123 (0xFFA6BFAB)
YUV	181.2450, -5.0508, -13.3699
Hunter-Lab	69.4824, -14.5190, 9.7065

Details

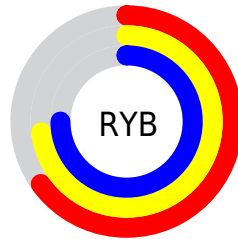
The CIELCh color $75, 14.334, 149.681$ is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be $71, 14.384, 331.320$, and the grayscale version is $74, 0.009, 296.813$.

A 20% lighter version of the original color is $95, 14.266, 149.593$, and $55, 14.542, 149.673$ is the 20% darker color. If you saturate the color by 10%, you get $73, 25.352, 148.886$, and if you desaturate by 10%, it is $77, 3.361, 150.426$.

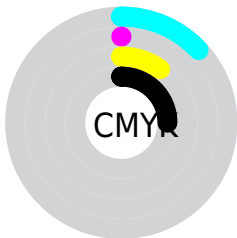
Distribution



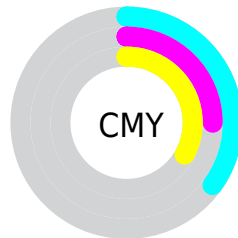
- Red (65%)
- Green (75%)
- Blue (67%)



- Red (65%)
- Yellow (73%)
- Blue (75%)



- Cyan (13%)
- Magenta (0%)
- Yellow (10%)
- Black (25%)





- Cyan (35%)
- Magenta (25%)
- Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 14.334, 149.681 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, 14.334, 149.681 by changing the saturation by 10% instead.


 75, 14.334,
149.681


 75, 14.334,
149.681


 100, 14.334,
149.681


 65, 14.334,
149.681


 95, 14.334,
149.681

 55, 14.334,
149.681

 45, 14.334,
149.681

 35, 14.334,
149.681

 25, 14.334,
149.681

 15, 14.334,
149.681

 5, 14.334, 149.681

0, 14.334, 149.681

75, 14.334,
149.681

75, 14.334,
149.681

73, 25.352,
148.886

77, 3.361, 150.426

72, 36.260,
147.970

79, 7.461, 330.885

71, 46.876,
146.913

81, 18.051,
331.419

70, 56.981,
145.700

83, 28.357,
331.872

69, 66.338,
144.325

85, 37.023,
329.374

68, 74.703,
142.805

85, 40.162,
325.818

■ 68, 81.847,
141.183

■ 68, 87.576,
139.543

■ 68, 90.713,
138.525

Harmonies

Complementary

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



75, 14.334, 149.681



71, 14.384, 331.320

Rectangle

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



75, 14.334, 149.681



75, 14.334, 199.681



75, 14.334, 329.681



75, 14.334, 19.681

Sweetspot

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



75, 14.336, 149.680



96, 5.369, 150.344



76, 13.514, 117.113



52, 3.850, 150.284



99, 0.012, 296.813



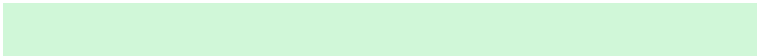
52, 0.007, 296.813

Same Dimension

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



75, 14.336, 149.680



94, 21.643, 149.441



75, 10.009, 174.794



39, 6.132, 149.955



57, 78.431, 138.767



9, 19.655, 148.419

Inverse Universe

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



71, 14.384, 331.320



88, 21.722, 331.527



70, 10.388, 357.183



37, 6.152, 331.076



36, 69.353, 338.014



3, 17.625, 334.208

Previews

White Background



This preview shows how the CIELCh color 75, 14.334, 149.681 looks on a white background.

Color Contrast Check

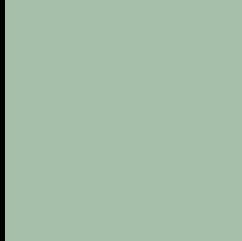
Large Text (above 18pt) WCAG AA × Fail

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, 14.334, 149.681 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

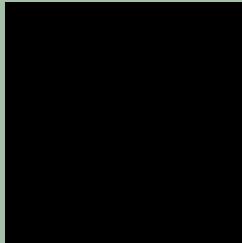
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

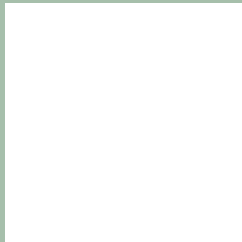
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 14.334, 149.681

Background



This preview shows how black text looks on a background with the CIELCh color 75, 14.334, 149.681.



This preview shows how white text looks on a background with the CIELCh color 75, 14.334, 149.681.

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](#).

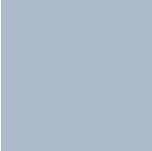
Dichromacy



Original Color
75, 14.334, 149.681

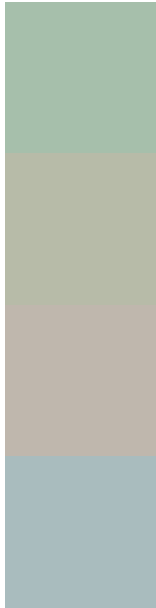
Protanopia
75, 9.639, 90.551

Deuteranopia
75, 11.038, 31.424



Tritanopia
75, 9.299, 253.728

Trichromacy



Original Color
75, 14.334, 149.681

Protanomaly
75, 10.326, 117.732

Deuteranomaly
75, 6.174, 79.959

Tritanomaly
75, 6.886, 208.001

Monochromacy



Original Color
75, 14.334, 149.681

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 5.500, 147.375

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 14.334, 149.681 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(166, 191, 171)` looks like.

```
.text, #text, p{  
    color:rgb(166, 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(166, 191, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 191, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 14.334, 149.681 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(166, 191, 171) }
```

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

```
.border{ border-color:rgb(166, 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(166, 191, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 191, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 191, 171);  
box-shadow:4px 4px 4px 4px rgb(166, 191,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 14.334, 149.681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 191, 171) }
```

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

```
.background{ background-color: rgb(166,  
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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