

Converting Colors

CIELCh(75, 13.695, 219.453)

Have a look what the booklet for
CIELCh(75, 13.695, 219.453)
contains.

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Color

CIELCh(75, 13.734, 219.350)

Conversions

Conversions Part 1

Format	Color
Hex	99BFC8
RGB	153, 191, 200
RGB Percent	60%, 75%, 78%
CMY	0.3995, 0.2505, 0.2152
CMYK	0.23, 0.04, 0.00, 0.22
HSL	191°, 30%, 69%
HSV	191°, 23%, 78%
XYZ	42.2596, 48.2781, 61.8141
YIQ	180.6640, -25.5370, -5.2570

Conversions

Conversions Part 2

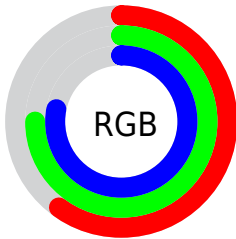
Format	Color
RYB	153, 174, 200
Decimal	10076104
CIELab	75.00, -10.62, -8.71
CIElCh	75, 13.734, 219.350
Yxy	48.2781, 0.2774, 0.3169
Android (android.graphics.Color)	4288266184 (0xFF99BFC8)
YUV	180.6640, 9.5326, -24.2613
Hunter-Lab	69.4824, -13.0296, -4.1089

Details

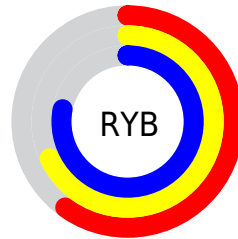
The CIELCh color **75, 13.734, 219.350** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **70, 16.082, 38.281**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 13.482, 216.507**, and **55, 13.713, 217.956** is the 20% darker color. If you saturate the color by 10%, you get **73, 18.884, 219.981**, and if you desaturate by 10%, it is **77, 8.128, 218.921**.

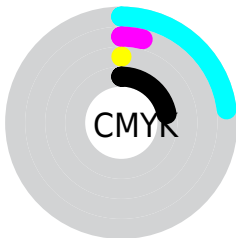
Distribution



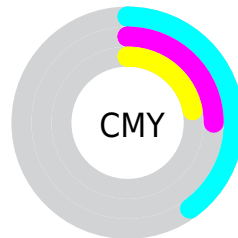
- Red (60%)
- Green (75%)
- Blue (78%)



- Red (60%)
- Yellow (68%)
- Blue (78%)



- Cyan (23%)
- Magenta (4%)
- Yellow (0%)
- Black (22%)





- Cyan (40%)
- Magenta (25%)
- Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 13.734, 219.350 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, 13.734, 219.350 by changing the saturation by 10% instead.


 75, 13.734,
219.350


 75, 13.734,
219.350


 100, 13.734,
219.350


 65, 13.734,
219.350


 95, 13.734,
219.350

 55, 13.734,
219.350

 45, 13.734,
219.350

 35, 13.734,
219.350

 25, 13.734,
219.350

 15, 13.734,
219.350

 5, 13.734, 219.350

0, 13.734, 219.350

75, 13.734,
219.350

75, 13.734,
219.350

73, 18.884,
219.981

77, 8.128, 218.921

71, 23.483,
220.875

80, 2.155, 218.813

82, 4.103, 38.253

69, 27.440,
222.085

85, 10.576, 38.255

67, 30.682,
223.684

88, 17.207, 38.267

89, 17.248, 45.112

65, 33.169,
225.750

90, 16.936, 53.024

64, 34.911,
228.365

91, 16.961, 61.059

■ 62, 35.990,
231.587

■ 92, 17.320, 68.898

■ 62, 36.486,
233.926

Harmonies

Complementary

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



75, 13.734, 219.350



70, 16.082, 38.281

Rectangle

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



75, 13.734, 219.350



75, 13.734, 269.350



75, 13.734, 39.350



75, 13.734, 89.350

Sweetspot

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



75, 13.734, 219.344



98, 5.221, 218.776



77, 27.116, 148.287



52, 3.387, 218.783



0, 0.000, 0.000



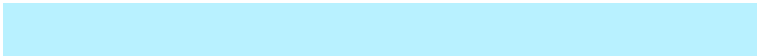
53, 0.007, 296.813

Same Dimension

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



75, 13.734, 219.344



92, 19.596, 219.628



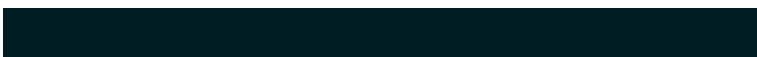
69, 18.217, 275.831



41, 3.438, 218.812



51, 31.326, 233.312



9, 11.193, 224.724

Inverse Universe

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



69, 27.061, 331.698



83, 39.260, 332.024



76, 18.228, 89.475



39, 6.464, 330.779



37, 71.416, 337.534



4, 22.618, 334.600

Previews

White Background



This preview shows how the CIELCh color 75, 13.734, 219.350 looks on a white background.

Color Contrast Check

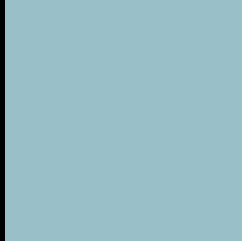
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 75, 13.734, 219.350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

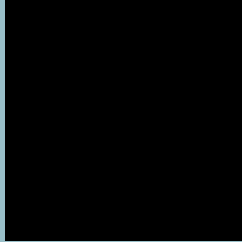
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

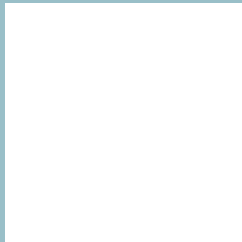
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 13.734, 219.350

Background



This preview shows how black text looks on a background with the CIELCh color 75, 13.734, 219.350.



This preview shows how white text looks on a background with the CIELCh color 75, 13.734, 219.350.

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

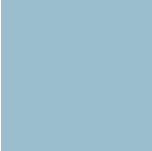
75, 13.734, 219.350

Protanopia

75, 6.505, 293.987

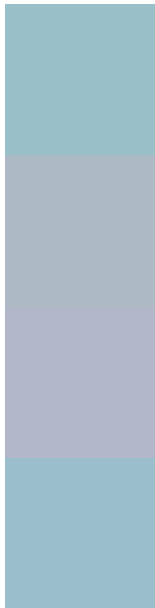
Deuteranopia

75, 14.126, 313.794



Tritanopia
75, 14.400, 233.072

Trichromacy



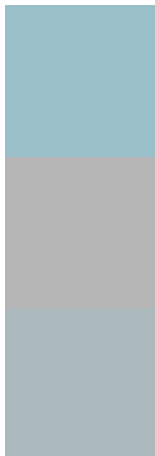
Original Color
75, 13.734, 219.350

Protanomaly
75, 7.440, 252.371

Deuteranomaly
75, 10.343, 283.289

Tritanomaly
75, 13.912, 229.097

Monochromacy



Original Color
75, 13.734, 219.350

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 5.286, 217.035

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 13.734, 219.350 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(153, 191, 200)` looks like.

```
.text, #text, p{  
    color:rgb(153, 191, 200)  
}
```

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(153, 191, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 191, 200) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 13.734, 219.350 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(153, 191, 200) }
```

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

```
.border{ border-color:rgb(153, 191, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 191, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 191, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 191, 200);  
box-shadow:4px 4px 4px 4px rgb(153, 191,  
200) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 13.734, 219.350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 191, 200) }
```

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

```
.background{ background-color: rgb(153,  
191, 200) }
```

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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