

Converting Colors

CIELCh(75, 13.812, 217.051)

Have a look what the booklet for
CIELCh(75, 13.812, 217.051)
contains.

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Color

CIELCh(75, 13.601, 217.120)

Conversions

Conversions Part 1

Format	Color
Hex	99BFC7
RGB	153, 191, 199
RGB Percent	60%, 75%, 78%
CMY	0.3992, 0.2501, 0.2188
CMYK	0.23, 0.04, 0.00, 0.22
HSL	190°, 29%, 69%
HSV	190°, 23%, 78%
XYZ	42.1850, 48.2781, 61.2558
YIQ	180.5500, -25.2160, -5.5680

Conversions

Conversions Part 2

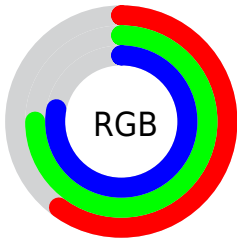
Format	Color
R _Y B	153, 174, 199
Decimal	10076103
CIE Lab	75.00, -10.85, -8.21
CIE LCh	75, 13.601, 217.120
Yxy	48.2781, 0.2780, 0.3182
Android (android.graphics.Color)	4288266183 (0xFF99BFC7)
YUV	180.5500, 9.0959, -24.1613
Hunter-Lab	69.4824, -13.2213, -3.6324

Details

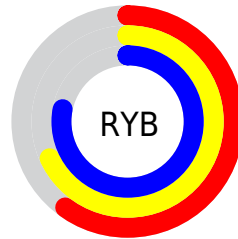
The CIELCh color **75, 13.601, 217.120** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **69, 15.904, 36.481**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 13.482, 216.507**, and **55, 13.598, 215.543** is the 20% darker color. If you saturate the color by 10%, you get **73, 18.789, 217.628**, and if you desaturate by 10%, it is **77, 7.950, 216.798**.

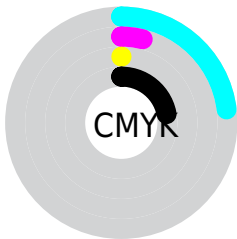
Distribution



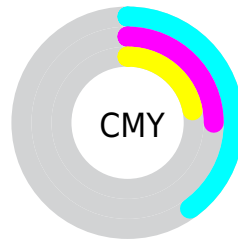
- Red (60%)
- Green (75%)
- Blue (78%)



- 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, 13.601, 217.120 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, 13.601, 217.120 by changing the saturation by 10% instead.


 75, 13.601,
217.120


 75, 13.601,
217.120


 100, 13.601,
217.120


 65, 13.601,
217.120


 95, 13.601,
217.120

 55, 13.601,
217.120

 45, 13.601,
217.120

 35, 13.601,
217.120

 25, 13.601,
217.120

 15, 13.601,
217.120

 5, 13.601, 217.120

0, 13.601, 217.120

75, 13.601,
217.120

75, 13.601,
217.120

73, 18.789,
217.628

77, 7.950, 216.798

80, 1.927, 216.811

71, 23.415,
218.376

82, 4.385, 36.311

69, 27.387,
219.411

85, 10.914, 36.379

67, 30.627,
220.800

87, 17.600, 36.455

88, 17.766, 42.272

66, 33.088,
222.614

89, 17.355, 49.167

64, 34.775,
224.929

90, 17.211, 56.280

■ 63, 35.760,
227.806

■ 91, 17.339, 63.387

■ 62, 36.184,
230.047

Harmonies

Complementary

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



75, 13.601, 217.120



69, 15.904, 36.481

Rectangle

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



75, 13.601, 217.120



75, 13.601, 267.120



75, 13.601, 37.120



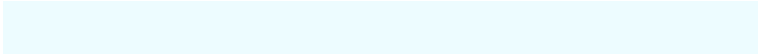
75, 13.601, 87.120

Sweetspot

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



75, 13.601, 217.114



98, 5.275, 216.718



76, 26.885, 147.775



52, 3.423, 216.720



0, 0.000, 0.000



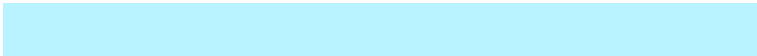
53, 0.007, 296.813

Same Dimension

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



75, 13.601, 217.114



92, 19.778, 217.360



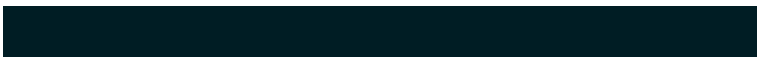
69, 17.491, 274.485



41, 3.473, 216.735



52, 31.196, 229.501



9, 11.266, 221.632

Inverse Universe

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



69, 26.834, 331.049



83, 39.740, 331.393



75, 17.581, 88.193



39, 6.545, 330.172



37, 72.360, 336.514



4, 22.975, 333.760

Previews

White Background



This preview shows how the CIE LCh color 75, 13.601, 217.120 looks on a white background.

Color Contrast Check

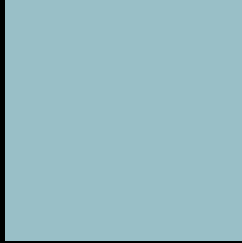
Large Text (above 18pt) WCAG AA × Fail

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, 13.601, 217.120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

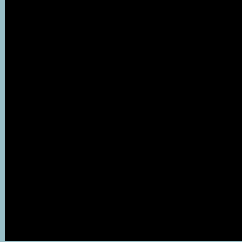
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

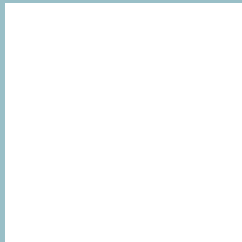
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 13.601, 217.120

Background



This preview shows how black text looks on a background with the CIELCh color 75, 13.601, 217.120.



This preview shows how white text looks on a background with the CIELCh color 75, 13.601, 217.120.

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](#).

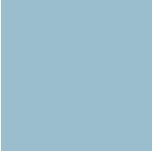
Dichromacy



Original Color
75, 13.601, 217.120

Protanopia
75, 5.966, 294.234

Deuteranopia
75, 13.631, 314.661



Tritanopia
75, 14.400, 233.072

Trichromacy



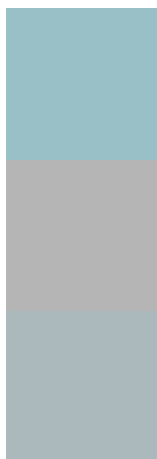
Original Color
75, 13.601, 217.120

Protanomaly
75, 7.033, 249.529

Deuteranomaly
75, 9.809, 282.788

Tritanomaly
75, 13.912, 229.097

Monochromacy



Original Color
75, 13.601, 217.120

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, 13.601, 217.120 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, 199)` looks like.

```
.text, #text, p{  
    color:rgb(153, 191, 199)  
}
```

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, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 191, 199) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 13.601, 217.120 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, 199) }
```

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

```
.border{ border-color:rgb(153, 191, 199) }
```

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, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 191, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 191, 199);  
box-shadow:4px 4px 4px 4px rgb(153, 191,  
199) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 13.601, 217.120 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, 199) }
```

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

```
.background{ background-color: rgb(153,  
191, 199) }
```

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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