

Converting Colors

CIELCh(75, 10.432, 213.229)

Have a look what the booklet for
CIELCh(75, 10.432, 213.229)
contains.

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Color

CIELCh(75, 10.456, 213.720)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | A1BEC3 |
| RGB | 161, 190, 195 |
| RGB Percent | 63%, 75%, 76% |
| CMY | 0.3691, 0.2553, 0.2357 |
| CMYK | 0.17, 0.03, 0.00, 0.24 |
| HSL | 189°, 22%, 70% |
| HSV | 189°, 17%, 76% |
| XYZ | 42.9018, 48.2781, 58.6194 |
| YIQ | 181.8990, -18.8890, -4.5930 |

Conversions

Conversions Part 2

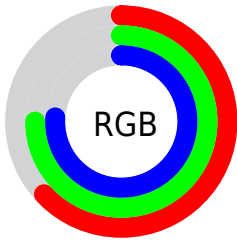
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 161, 177, 195 |
| Decimal | 10600131 |
| CIE _{Lab} | 75.00, -8.70, -5.80 |
| CIE _{LCh} | 75, 10.456, 213.720 |
| Yxy | 48.2781, 0.2864, 0.3223 |
| Android (android.graphics.Color) | 4288790211 (0xFFA1BEC3) |
| YUV | 181.8990, 6.4588, -18.3284 |
| Hunter-Lab | 69.4824, -11.3798, -1.3827 |

Details

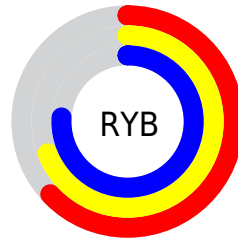
The CIELCh color **75, 10.456, 213.720** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **70, 11.742, 33.656**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 10.503, 215.973**, and **55, 10.460, 211.220** is the 20% darker color. If you saturate the color by 10%, you get **73, 15.907, 213.952**, and if you desaturate by 10%, it is **77, 4.588, 213.656**.

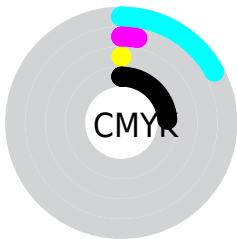
Distribution



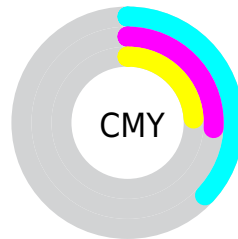
- Red (63%)
- Green (75%)
- Blue (76%)



- Red (63%)
- Yellow (69%)
- Blue (76%)



- Cyan (17%)
- Magenta (3%)
- Yellow (0%)
- Black (24%)





- Cyan (37%)
- Magenta (26%)
- Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 10.456, 213.720 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, 10.456, 213.720 by changing the saturation by 10% instead.


 75, 10.456,
213.720


 75, 10.456,
213.720


 100, 10.456,
213.720


 65, 10.456,
213.720


 95, 10.456,
213.720

 55, 10.456,
213.720

 45, 10.456,
213.720

 35, 10.456,
213.720

 25, 10.456,
213.720

 15, 10.456,
213.720

 5, 10.456, 213.720

0, 10.456, 213.720

75, 10.456,
213.720

75, 10.456,
213.720

73, 15.907,
213.952

77, 4.588, 213.656

71, 20.842,
214.376

79, 1.610, 33.186

69, 25.162,
215.020

82, 8.057, 33.524

68, 28.778,
215.934

84, 14.688, 33.685

66, 31.620,
217.175

86, 20.164, 34.635

65, 33.656,
218.805

87, 19.553, 39.460

88, 19.092, 44.558

■ 64, 34.912,
220.886

■ 89, 18.663, 55.281

■ 63, 35.504,
223.442

■ 63, 35.620,
224.127

Harmonies

Complementary

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



75, 10.456, 213.720



70, 11.742, 33.656

Rectangle

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



75, 10.456, 213.720



75, 10.456, 263.720



75, 10.456, 33.720



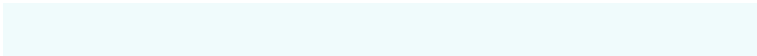
75, 10.456, 83.720

Sweetspot

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



75, 10.456, 213.711



98, 3.824, 213.698



76, 20.410, 147.169



52, 2.626, 213.680



0, 0.000, 0.000



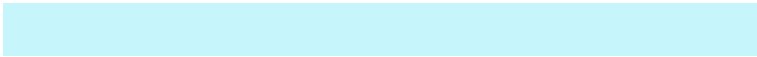
53, 0.007, 296.813

Same Dimension

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



75, 10.456, 213.711



94, 15.342, 213.785



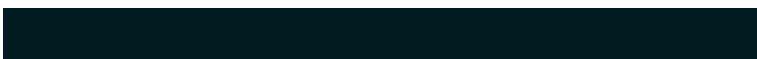
71, 12.445, 270.834



40, 3.461, 213.646



52, 30.882, 223.679



9, 10.707, 217.625

Inverse Universe

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



70, 20.263, 329.774



86, 30.127, 330.014



75, 12.577, 86.139



38, 6.529, 329.272



37, 73.009, 335.015



4, 21.082, 331.976

Previews

White Background



This preview shows how the CIELCh color 75, 10.456, 213.720 looks on a white background.

Color Contrast Check

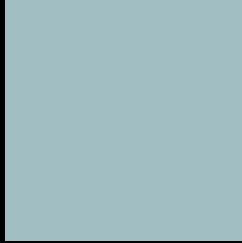
Large Text (above 18pt) WCAG AA × Fail

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, 10.456, 213.720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

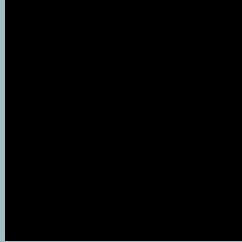
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

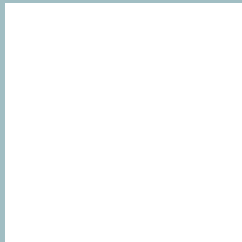
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 10.456, 213.720

Background



This preview shows how black text looks on a background with the CIELCh color 75, 10.456, 213.720.



This preview shows how white text looks on a background with the CIELCh color 75, 10.456, 213.720.

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, 10.456, 213.720

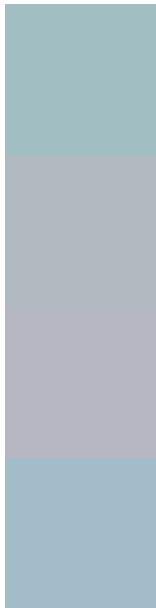
Protanopia
75, 4.480, 304.783

Deuteranopia
75, 11.600, 323.391



Tritanopia
75, 11.887, 242.027

Trichromacy



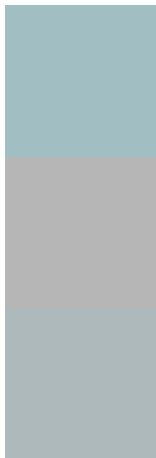
Original Color
75, 10.456, 213.720

Protanomaly
75, 4.547, 244.837

Deuteranomaly
75, 7.030, 290.850

Tritanomaly
75, 11.217, 234.272

Monochromacy



Original Color
75, 10.456, 213.720

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 4.128, 214.431

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 10.456, 213.720 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(161, 190, 195)` looks like.

```
.text, #text, p{  
    color:rgb(161, 190, 195)  
}
```

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(161, 190, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 190, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 10.456, 213.720 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(161, 190, 195) }
```

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

```
.border{ border-color:rgb(161, 190, 195) }
```

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

Here you see how a box with a 4 pixel rgb(161, 190, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 190, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 190, 195);  
box-shadow:4px 4px 4px 4px rgb(161, 190,  
195) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 10.456, 213.720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 190, 195) }
```

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

```
.background{ background-color: rgb(161,  
190, 195) }
```

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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