

Converting Colors

CIELCh(75, 13.121, 216.384)

Have a look what the booklet for
CIELCh(75, 13.121, 216.384)
contains.

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Color

CIELCh(75, 13.181, 215.265)

Conversions

Conversions Part 1

Format	Color
Hex	9ABFC6
RGB	154, 191, 198
RGB Percent	60%, 75%, 78%
CMY	0.3956, 0.2505, 0.2231
CMYK	0.22, 0.04, 0.00, 0.22
HSL	190°, 28%, 69%
HSV	190°, 22%, 78%
XYZ	42.2125, 48.2781, 60.5928
YIQ	180.7350, -24.2990, -5.6670

Conversions

Conversions Part 2

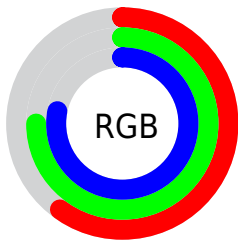
Format	Color
RYB	154, 174, 198
Decimal	10141638
CIELab	75.00, -10.76, -7.61
CIELCh	75, 13.181, 215.265
Yxy	48.2781, 0.2794, 0.3195
Android (android.graphics.Color)	4288331718 (0xFF9ABFC6)
YUV	180.7350, 8.5116, -23.4466
Hunter-Lab	69.4824, -13.1506, -3.0667

Details

The CIELCh color **75, 13.181, 215.265** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **69, 15.325, 34.975**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 13.182, 216.944**, and **55, 13.194, 213.480** is the 20% darker color. If you saturate the color by 10%, you get **73, 18.430, 215.659**, and if you desaturate by 10%, it is **77, 7.469, 215.042**.

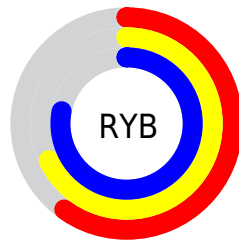
Distribution



Red (60%)

Green (75%)

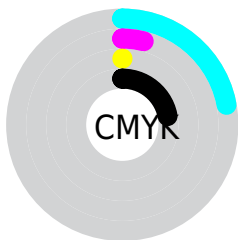
Blue (78%)



Red (60%)

Yellow (68%)

Blue (78%)

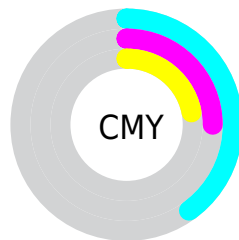


Cyan (22%)

Magenta (4%)

Yellow (0%)

Black (22%)



Cyan (40%)


Magenta (25%)


Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 13.181, 215.265 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, 13.181, 215.265 by changing the saturation by 10% instead.


 75, 13.181,
215.265


 75, 13.181,
215.265


 100, 13.181,
215.265


 65, 13.181,
215.265


 95, 13.181,
215.265

 55, 13.181,
215.265

 45, 13.181,
215.265

 35, 13.181,
215.265

 25, 13.181,
215.265

 15, 13.181,
215.265

 5, 13.181, 215.265

0, 13.181, 215.265

75, 13.181,
215.265

75, 13.181,
215.265

73, 18.430,
215.659

77, 7.469, 215.042

71, 23.117,
216.273

79, 1.387, 215.243

82, 4.981, 34.719

69, 27.146,
217.148

84, 11.563, 34.839

68, 30.435,
218.342

87, 18.299, 34.972

88, 18.333, 40.150

66, 32.932,
219.921

88, 17.871, 46.174

65, 34.632,
221.955

89, 17.619, 52.440

■ 64, 35.597,
224.503

■ 90, 17.587, 58.800

■ 63, 36.006,
226.784

Harmonies

Complementary

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



75, 13.181, 215.265



69, 15.325, 34.975

Rectangle

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



75, 13.181, 215.265



75, 13.181, 265.265



75, 13.181, 35.265



75, 13.181, 85.265

Sweetspot

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



75, 13.181, 215.258



98, 5.326, 215.017



76, 26.052, 147.314



52, 3.455, 215.015



0, 0.000, 0.000



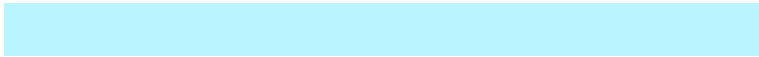
53, 0.007, 296.813

Same Dimension

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



75, 13.181, 215.258



93, 19.314, 215.442



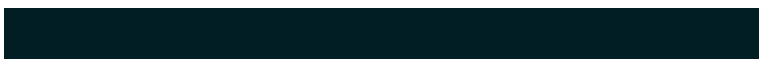
69, 16.413, 273.004



41, 3.506, 215.017



53, 31.185, 226.300



9, 11.345, 219.096

Inverse Universe

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



69, 25.957, 330.479



83, 38.723, 330.808



75, 16.569, 86.933



39, 6.614, 329.673



37, 73.175, 335.682



4, 23.280, 333.077

Previews

White Background



This preview shows how the CIELCh color 75, 13.181, 215.265 looks on a white background.

Color Contrast Check

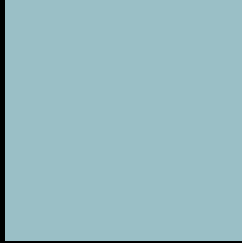
Large Text (above 18pt) WCAG AA × Fail

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, 13.181, 215.265 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

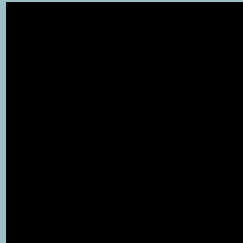
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

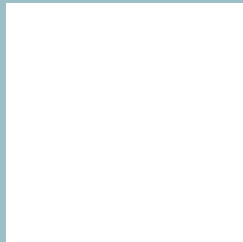
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 13.181, 215.265

Background



This preview shows how black text looks on a background with the CIELCh color 75, 13.181, 215.265.



This preview shows how white text looks on a background with the CIELCh color 75, 13.181, 215.265.

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, 13.181, 215.265

Protanopia
75, 5.469, 298.347

Deuteranopia
75, 13.295, 317.037



Tritanopia
75, 13.881, 234.580

Trichromacy



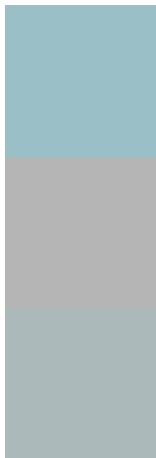
Original Color
75, 13.181, 215.265

Protanomaly
75, 6.412, 248.659

Deuteranomaly
75, 9.235, 284.412

Tritanomaly
75, 13.413, 227.677

Monochromacy



Original Color
75, 13.181, 215.265

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 5.169, 211.219

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 13.181, 215.265 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(154, 191, 198)` looks like.

```
.text, #text, p{  
    color:rgb(154, 191, 198)  
}
```

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(154, 191, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 191, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 13.181, 215.265 is called "border". The border property can be set on classes, ids or directly on the HTML element.

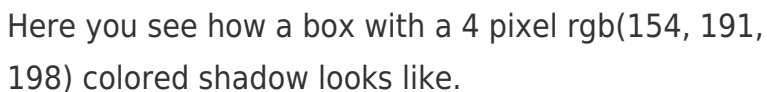
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(154, 191, 198) }
```

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

```
.border{ border-color:rgb(154, 191, 198) }
```

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



Here you see how a box with a 4 pixel `rgb(154, 191, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(154, 191, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(154, 191, 198); box-shadow:4px 4px 4px 4px rgb(154, 191, 198) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 13.181, 215.265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 191, 198) }
```

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

```
.background{ background-color: rgb(154,  
191, 198) }
```

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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