

Converting Colors

CIELCh(75, 13.128, 181.644)

Have a look what the booklet for
CIELCh(75, 13.128, 181.644)
contains.

CIELCh(75, 13.141, 181.645)	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, 13.141, 181.645)

Conversions

Conversions Part 1

Format	Color
Hex	9DC0B9
RGB	157, 192, 185
RGB Percent	62%, 75%, 73%
CMY	0.3849, 0.2477, 0.2751
CMYK	0.18, 0.00, 0.04, 0.25
HSL	168°, 22%, 68%
HSV	168°, 18%, 75%
XYZ	41.4295, 48.2781, 52.9467
YIQ	180.7370, -18.6130, -9.5970

Conversions

Conversions Part 2

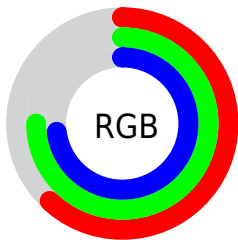
Format	Color
RYB	157, 176, 192
Decimal	10338489
CIELab	75.00, -13.14, -0.38
CIElCh	75, 13.141, 181.645
Yxy	48.2781, 0.2904, 0.3384
Android (android.graphics.Color)	4288528569 (0xFF9DC0B9)
YUV	180.7370, 2.1017, -20.8173
Hunter-Lab	69.4824, -15.1621, 3.4578

Details

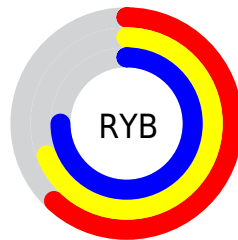
The CIELCh color **75, 13.141, 181.645** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **68, 14.133, 5.034**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 12.920, 182.410**, and **55, 12.917, 182.593** is the 20% darker color. If you saturate the color by 10%, you get **74, 19.941, 180.659**, and if you desaturate by 10%, it is **76, 6.025, 182.602**.

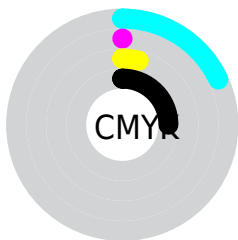
Distribution



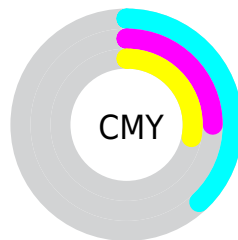
- Red (62%)
- Green (75%)
- Blue (73%)



- Red (62%)
- Yellow (69%)
- Blue (75%)



- Cyan (18%)
- Magenta (0%)
- Yellow (4%)
- Black (25%)





- Cyan (38%)
- Magenta (25%)
- Yellow (28%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 13.141, 181.645 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, 13.141, 181.645 by changing the saturation by 10% instead.


 75, 13.141,
181.645


 75, 13.141,
181.645


 100, 13.141,
181.645


 65, 13.141,
181.645


 95, 13.141,
181.645

 55, 13.141,
181.645

 45, 13.141,
181.645

 35, 13.141,
181.645

 25, 13.141,
181.645

 15, 13.141,
181.645

 5, 13.141, 181.645

0, 13.141, 181.645

75, 13.141,
181.645

75, 13.141,
181.645

74, 19.941,
180.659

76, 6.025, 182.602

73, 26.302,
179.622

78, 1.302, 3.016

80, 8.749, 4.180

72, 32.103,
178.509

81, 16.239, 5.016

71, 37.230,
177.301

83, 23.713, 5.808

84, 24.966, 1.918

70, 41.591,
175.975

84, 25.555,
357.594

70, 45.133,
174.507

84, 26.292,

■ 70, 47.861,
172.878

353.498

■ 69, 49.893,
171.098

■ 84, 27.165,
349.657

■ 69, 50.228,
170.787

Harmonies

Complementary

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



75, 13.141, 181.645



68, 14.133, 5.034

Rectangle

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



75, 13.141, 181.645



75, 13.141, 231.645



75, 13.141, 1.645



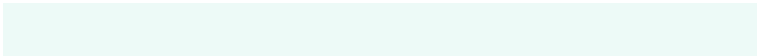
75, 13.141, 51.645

Sweetspot

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



75, 13.142, 181.640



97, 4.545, 182.934



75, 21.577, 137.446



52, 3.098, 182.855



99, 0.012, 296.813



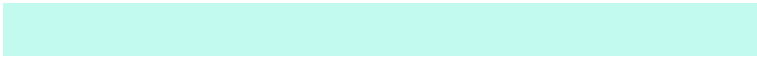
52, 0.007, 296.813

Same Dimension

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



75, 13.142, 181.640



94, 19.496, 181.242



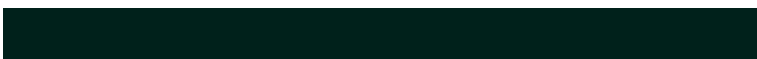
72, 10.187, 230.927



40, 4.173, 182.491



59, 43.894, 171.053



10, 14.348, 176.034

Inverse Universe

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



68, 14.133, 5.034



84, 21.337, 5.533



70, 11.332, 48.456



38, 4.329, 4.049



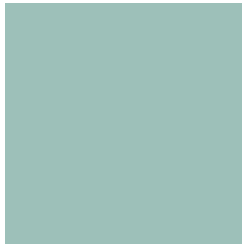
33, 65.424, 28.813



3, 14.288, 8.618

Previews

White Background



This preview shows how the CIELCh color 75, 13.141, 181.645 looks on a white background.

Color Contrast Check

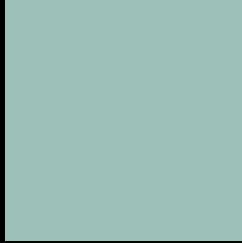
Large Text (above 18pt) WCAG AA × Fail

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, 13.141, 181.645 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

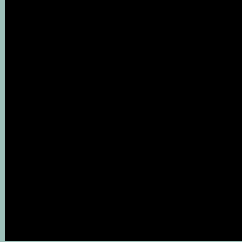
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

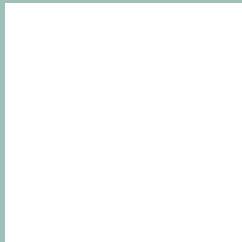
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 13.141, 181.645

Background



This preview shows how black text looks on a background with the CIELCh color 75, 13.141, 181.645.



This preview shows how white text looks on a background with the CIELCh color 75, 13.141, 181.645.

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, 13.141, 181.645

Protanopia
75, 2.462, 60.274

Deuteranopia
75, 9.859, 347.094



Tritanopia
75, 12.621, 238.944

Trichromacy



Original Color
75, 13.141, 181.645

Protanomaly
75, 3.987, 166.449

Deuteranomaly
75, 2.205, 300.027

Tritanomaly
75, 11.330, 218.242

Monochromacy



Original Color
75, 13.141, 181.645

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 5.066, 180.399

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 13.141, 181.645 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(157, 192, 185)` looks like.

```
.text, #text, p{  
    color:rgb(157, 192, 185)  
}
```

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(157, 192, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 192, 185) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 13.141, 181.645 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(157, 192, 185) }
```

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

```
.border{ border-color:rgb(157, 192, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 192, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 192, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 192, 185);  
box-shadow:4px 4px 4px 4px rgb(157, 192,  
185) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 13.141, 181.645 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 192, 185) }
```

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

```
.background{ background-color: rgb(157,  
192, 185) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor