

Converting Colors

CIELCh(77, 13.562, 217.098)

Have a look what the booklet for
CIELCh(77, 13.562, 217.098)
contains.

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Color

CIELCh(77, 13.554, 217.094)

Conversions

Conversions Part 1

Format	Color
Hex	9FC5CD
RGB	159, 197, 205
RGB Percent	62%, 77%, 80%
CMY	0.3776, 0.2286, 0.1973
CMYK	0.22, 0.04, 0.00, 0.20
HSL	190°, 31%, 71%
HSV	190°, 22%, 80%
XYZ	45.1224, 51.5317, 65.1360
YIQ	186.5500, -25.2160, -5.5680

Conversions

Conversions Part 2

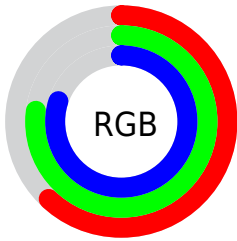
Format	Color
R _Y B	159, 180, 205
Decimal	10470861
CIE Lab	77.00, -10.81, -8.17
CIE LCh	77, 13.554, 217.094
Yxy	51.5317, 0.2789, 0.3185
Android (android.graphics.Color)	4288660941 (0xFF9FC5CD)
YUV	186.5500, 9.0958, -24.1614
Hunter-Lab	71.7856, -13.4249, -3.5480

Details

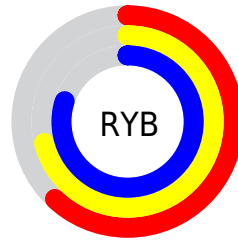
The CIELCh color **77, 13.554, 217.094** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **72, 15.779, 36.469**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 13.392, 200.812**, and **57, 13.676, 217.904** is the 20% darker color. If you saturate the color by 10%, you get **75, 18.888, 217.590**, and if you desaturate by 10%, it is **79, 7.751, 216.783**.

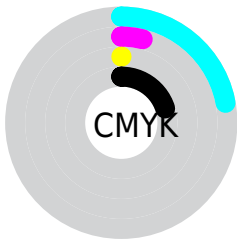
Distribution



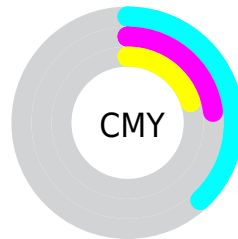
- Red (62%)
- Green (77%)
- Blue (80%)



- Red (62%)
- Yellow (71%)
- Blue (80%)



- Cyan (22%)
- Magenta (4%)
- Yellow (0%)
- Black (20%)





- Cyan (38%)
- Magenta (23%)
- Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 13.554, 217.094 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 77, 13.554, 217.094 by changing the saturation by 10% instead.


 77, 13.554,
217.094


 77, 13.554,
217.094


 100, 13.554,
217.094


 67, 13.554,
217.094


 97, 13.554,
217.094

 57, 13.554,
217.094

 47, 13.554,
217.094

 37, 13.554,
217.094

 27, 13.554,
217.094

 17, 13.554,
217.094

 7, 13.554, 217.094

■ 0, 13.554, 217.094

■ 77, 13.554,
217.094

■ 77, 13.554,
217.094

■ 75, 18.888,
217.590

■ 79, 7.751, 216.783

■ 82, 1.573, 216.871

■ 73, 23.652,
218.325

■ 84, 4.896, 36.317

■ 71, 27.752,
219.345

■ 87, 11.583, 36.380

■ 69, 31.104,
220.715

■ 89, 16.173, 38.614

■ 90, 15.635, 46.356

■ 68, 33.661,
222.509

■ 91, 15.406, 54.477

■ 66, 35.424,
224.802

■ 92, 15.496, 62.659

■ 65, 36.461,
227.656

■ 92, 15.900, 70.567

■ 64, 36.929,
230.111

Harmonies

Complementary

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



77, 13.554, 217.094



72, 15.779, 36.469

Rectangle

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



77, 13.554, 217.094



77, 13.554, 267.094



77, 13.554, 37.094



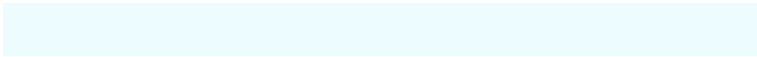
77, 13.554, 87.094

Sweetspot

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



77, 13.554, 217.087



98, 5.276, 216.716



78, 26.739, 147.824



52, 3.423, 216.718



0, 0.000, 0.000



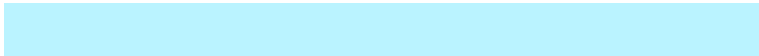
53, 0.007, 296.813

Same Dimension

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



77, 13.554, 217.087



92, 19.143, 217.306



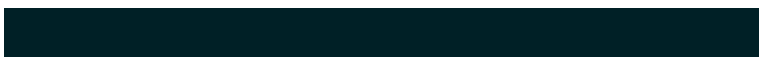
71, 17.388, 274.384



42, 3.546, 216.733



53, 31.556, 229.543



10, 11.793, 221.842

Inverse Universe

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



71, 26.688, 331.010



83, 38.329, 331.326



77, 17.475, 88.269



40, 6.683, 330.173



38, 73.181, 336.525



5, 25.197, 334.147

Previews

White Background



This preview shows how the CIELCh color 77, 13.554, 217.094 looks on a white background.

Color Contrast Check

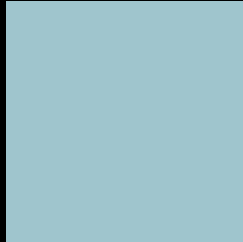
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 77, 13.554, 217.094 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

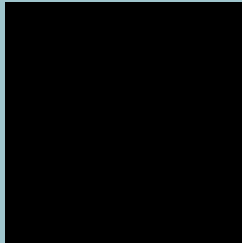
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

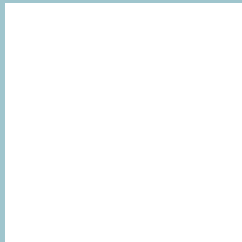
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 77, 13.554, 217.094

Background



This preview shows how black text looks on a background with the CIELCh color 77, 13.554, 217.094.

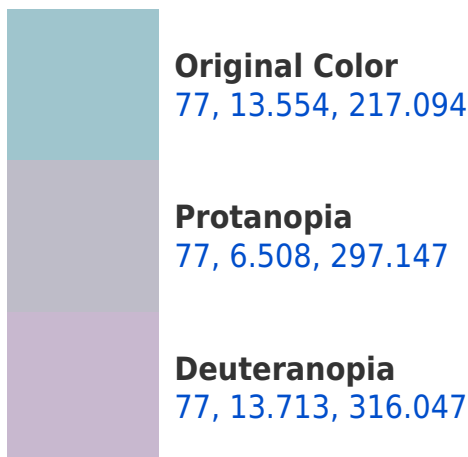


This preview shows how white text looks on a background with the CIELCh color 77, 13.554, 217.094.

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](#).

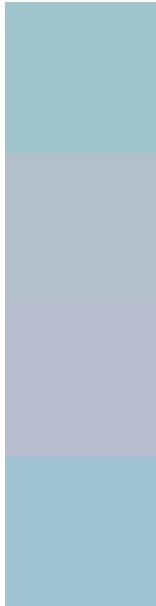
Dichromacy





Tritanopia
77, 14.349, 232.995

Trichromacy



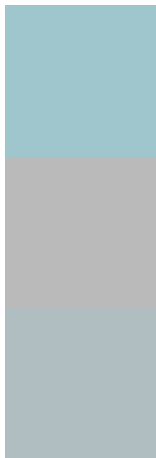
Original Color
77, 13.554, 217.094

Protanomaly
77, 7.204, 254.551

Deuteranomaly
77, 9.221, 282.199

Tritanomaly
77, 13.862, 229.034

Monochromacy



Original Color
77, 13.554, 217.094

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 5.264, 217.032

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 13.554, 217.094 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(159, 197, 205)` looks like.

```
.text, #text, p{  
    color:rgb(159, 197, 205)  
}
```

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(159, 197, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 197, 205) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 13.554, 217.094 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(159, 197, 205) }
```

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

```
.border{ border-color:rgb(159, 197, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 197, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 197, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 197, 205);  
box-shadow:4px 4px 4px 4px rgb(159, 197,  
205) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 13.554, 217.094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 197, 205) }
```

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

```
.background{ background-color: rgb(159,  
197, 205) }
```

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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