

Converting Colors

CIELCh(75, 31.715, 213.274)

Have a look what the booklet for
CIELCh(75, 31.715, 213.274)
contains.

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Color

CIELCh(75, 31.739, 213.252)

Conversions

Conversions Part 1

Format	Color
Hex	5BC8D8
RGB	91, 200, 216
RGB Percent	36%, 78%, 85%
CMY	0.6448, 0.2171, 0.1544
CMYK	0.58, 0.07, 0.00, 0.15
HSL	188°, 61%, 60%
HSV	188°, 58%, 85%
XYZ	37.1878, 48.2781, 72.0710
YIQ	169.2330, -70.1000, -18.1320

Conversions

Conversions Part 2

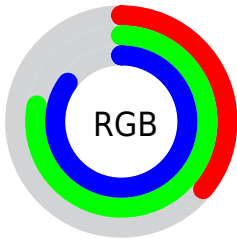
Format	Color
RYB	91, 149, 216
Decimal	6015192
CIELab	75.00, -26.54, -17.40
CIELCh	75, 31.739, 213.252
Yxy	48.2781, 0.2361, 0.3065
Android (android.graphics.Color)	4284205272 (0xFF5BC8D8)
YUV	169.2330, 23.0561, -68.6103
Hunter-Lab	69.4824, -26.0591, -12.8611

Details

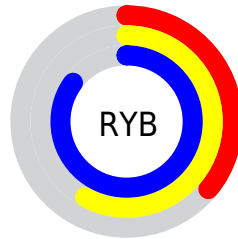
The CIELCh color **75, 31.739, 213.252** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **58, 50.520, 34.946**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 31.646, 197.470**, and **55, 31.802, 212.662** is the 20% darker color. If you saturate the color by 10%, you get **74, 34.747, 214.306**, and if you desaturate by 10%, it is **77, 27.858, 212.490**.

Distribution



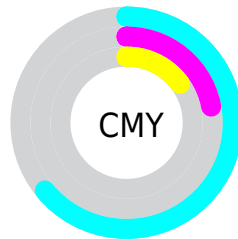
- Red (36%)
- Green (78%)
- Blue (85%)



- Red (36%)
- Yellow (58%)
- Blue (85%)



- Cyan (58%)
- Magenta (7%)
- Yellow (0%)
- Black (15%)





- Cyan (64%)
- Magenta (22%)
- Yellow (15%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 31.739, 213.252 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, 31.739, 213.252 by changing the saturation by 10% instead.


 75, 31.739,
213.252


 75, 31.739,
213.252


 100, 31.739,
213.252


 65, 31.739,
213.252


 95, 31.739,
213.252

 55, 31.739,
213.252

 45, 31.739,
213.252

 35, 31.739,
213.252

 25, 31.739,
213.252

 15, 31.739,
213.252

 5, 31.739, 213.252

0, 31.739, 213.252

75, 31.739,
213.252

75, 31.739,
213.252

74, 34.747,
214.306

77, 27.858,
212.490

72, 36.853,
215.712

78, 23.181,
211.976

71, 38.085,
217.521

80, 17.807,
211.663

70, 38.579,
219.752

82, 11.848,
211.519

70, 38.646,
220.223

84, 5.414, 211.544

87, 1.393, 31.079

89, 8.482, 31.572

■ 91, 12.768, 34.349

■ 92, 12.237, 41.841

Harmonies

Complementary

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



75, 31.739, 213.252



58, 50.520, 34.946

Rectangle

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



75, 31.739, 213.252



75, 31.739, 263.252



75, 31.739, 33.252



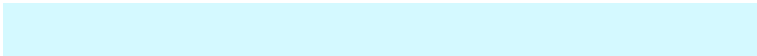
75, 31.739, 83.252

Sweetspot

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



75, 31.738, 213.250



96, 12.861, 211.514



77, 72.120, 142.475



51, 8.548, 211.528



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, 31.738, 213.250



85, 40.177, 214.646



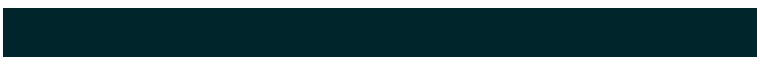
58, 44.915, 278.627



44, 3.811, 211.526



57, 32.519, 219.794



13, 12.928, 214.998

Inverse Universe

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



58, 70.661, 331.627



64, 92.560, 332.375



72, 46.890, 79.011



42, 7.186, 328.663



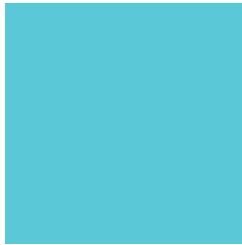
39, 77.487, 334.042



6, 30.005, 332.691

Previews

White Background



This preview shows how the CIELCh color 75, 31.739, 213.252 looks on a white background.

Color Contrast Check

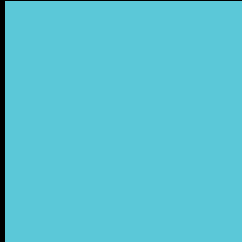
Large Text (above 18pt) WCAG AA × Fail

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, 31.739, 213.252 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

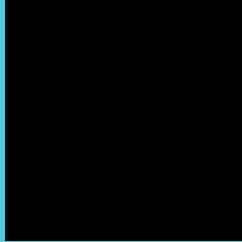
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 31.739, 213.252

Background



This preview shows how black text looks on a background with the CIELCh color 75, 31.739, 213.252.

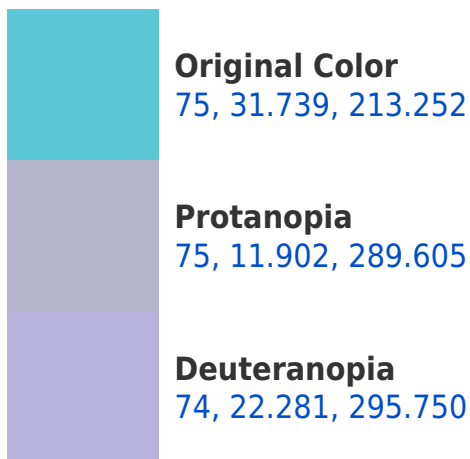


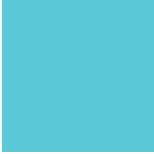
This preview shows how white text looks on a background with the CIELCh color 75, 31.739, 213.252.

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
75, 31.739, 213.252

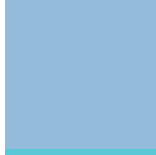
Trichromacy



Original Color
75, 31.739, 213.252



Protanomaly
74, 16.817, 238.949



Deuteranomaly
74, 20.404, 254.572

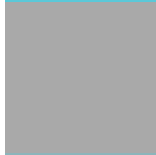


Tritanomaly
75, 31.739, 213.252

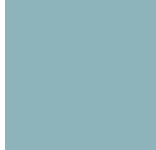
Monochromacy



Original Color
75, 31.739, 213.252



Achromatopsia
69, 0.009, 296.813



Achromatomaly
71, 14.106, 211.891

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 31.739, 213.252 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(91, 200, 216)` looks like.

```
.text, #text, p{  
    color:rgb(91, 200, 216)  
}
```

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(91, 200, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 200, 216) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 31.739, 213.252 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(91, 200, 216) }
```

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

```
.border{ border-color:rgb(91, 200, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 200, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 200, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 200, 216);  
box-shadow:4px 4px 4px 4px rgb(91, 200,  
216) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 31.739, 213.252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 200, 216) }
```

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

```
.background{ background-color: rgb(91, 200,  
216) }
```

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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