

Converting Colors

CIELCh(75, 38.209, 217.947)

Have a look what the booklet for
CIELCh(75, 38.209, 217.947)
contains.

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Color

CIELCh(75, 38.244, 217.929)

Conversions

Conversions Part 1

Format	Color
Hex	30CAE3
RGB	48, 202, 227
RGB Percent	19%, 79%, 89%
CMY	0.8135, 0.2088, 0.1108
CMYK	0.79, 0.11, 0.00, 0.11
HSL	188°, 76%, 54%
HSV	188°, 79%, 89%
XYZ	36.0932, 48.2781, 79.9121
YIQ	158.8040, -99.8090, -24.8730

Conversions

Conversions Part 2

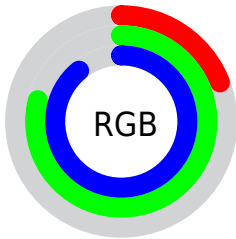
Format	Color
R _Y B	48, 131, 227
Decimal	3197667
CIE Lab	75.00, -30.17, -23.51
CIE LCh	75, 38.244, 217.929
Yxy	48.2781, 0.2197, 0.2939
Android (android.graphics.Color)	4281387747 (0xFF30CAE3)
YUV	158.8040, 33.6206, -97.1751
Hunter-Lab	69.4824, -28.8709, -19.5520

Details

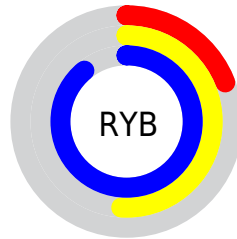
The CIELCh color **75, 38.244, 217.929** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **53, 75.311, 39.129**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **93, 37.689, 197.109**, and **56, 32.535, 222.257** is the 20% darker color. If you saturate the color by 10%, you get **74, 39.443, 220.008**, and if you desaturate by 10%, it is **76, 36.157, 216.297**.

Distribution



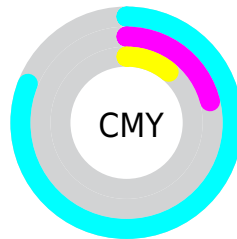
- Red (19%)
- Green (79%)
- Blue (89%)



- Red (19%)
- Yellow (51%)
- Blue (89%)



- Cyan (79%)
- Magenta (11%)
- Yellow (0%)
- Black (11%)





- Cyan (81%)
- Magenta (21%)
- Yellow (11%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 38.244, 217.929 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, 38.244, 217.929 by changing the saturation by 10% instead.


 75, 38.244,
217.929


 75, 38.244,
217.929


 100, 38.244,
217.929


 65, 38.244,
217.929


 95, 38.244,
217.929

 55, 38.244,
217.929

 45, 38.244,
217.929

 35, 38.244,
217.929

 25, 38.244,
217.929

 15, 38.244,
217.929

 5, 38.244, 217.929

0, 38.244, 217.929

75, 38.244,
217.929

75, 38.244,
217.929

74, 39.443,
220.008

76, 36.157,
216.297

73, 39.928,
222.541

78, 33.142,
215.056

73, 39.964,
222.797

80, 29.223,
214.145

81, 24.472,
213.508

83, 18.991,
213.093

86, 12.894,
212.863

■ 88, 6.296, 212.807

■ 90, 0.697, 31.842

■ 93, 7.991, 32.726

Harmonies

Complementary

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



75, 38.244, 217.929



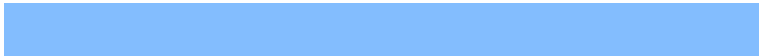
53, 75.311, 39.129

Rectangle

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



75, 38.244, 217.929



75, 38.244, 267.929



75, 38.244, 37.929



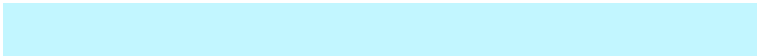
75, 38.244, 87.929

Sweetspot

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



75, 38.243, 217.928



94, 17.587, 212.960



80, 94.538, 139.930



49, 11.925, 213.054



0, 0.000, 0.000



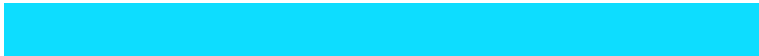
53, 0.007, 296.813

Same Dimension

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



75, 38.243, 217.928



81, 43.502, 221.644



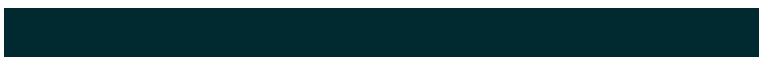
50, 66.537, 287.208



46, 3.925, 212.805



57, 33.085, 222.297



15, 13.729, 217.538

Inverse Universe

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



55, 89.470, 333.380



59, 103.086, 334.483



71, 66.034, 76.977



44, 7.407, 329.038



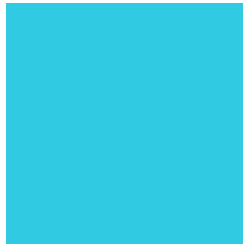
40, 78.471, 334.667



7, 32.696, 333.467

Previews

White Background



This preview shows how the CIE LCh color 75, 38.244, 217.929 looks on a white background.

Color Contrast Check

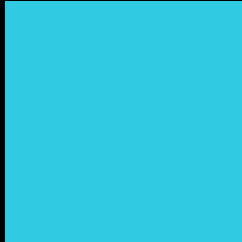
Large Text (above 18pt) WCAG AA × Fail

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, 38.244, 217.929 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

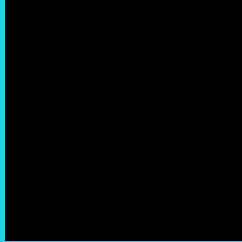
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 38.244, 217.929

Background



This preview shows how black text looks on a background with the CIELCh color 75, 38.244, 217.929.



This preview shows how white text looks on a background with the CIELCh color 75, 38.244, 217.929.

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

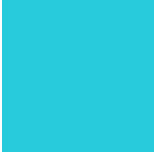
75, 38.244, 217.929

Protanopia

75, 16.819, 285.895

Deuteranopia

75, 28.135, 290.128



Tritanopia
75, 38.937, 209.770

Trichromacy



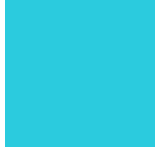
Original Color
75, 38.244, 217.929



Protanomaly
74, 23.619, 240.411



Deuteranomaly
74, 28.126, 253.114

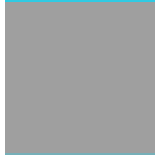


Tritanomaly
75, 38.665, 212.434

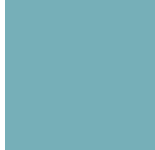
Monochromacy



Original Color
75, 38.244, 217.929



Achromatopsia
65, 0.008, 296.813



Achromatomaly
68, 19.336, 212.939

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 38.244, 217.929 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(48, 202, 227)` looks like.

```
.text, #text, p{  
    color:rgb(48, 202, 227)  
}
```

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(48, 202, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 202, 227) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 38.244, 217.929 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(48, 202, 227) }
```

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

```
.border{ border-color:rgb(48, 202, 227) }
```

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

Here you see how a box with a 4 pixel rgb(48, 202, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 202, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 202, 227);  
box-shadow:4px 4px 4px 4px rgb(48, 202,  
227) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 38.244, 217.929 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 202, 227) }
```

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

```
.background{ background-color: rgb(48, 202,  
227) }
```

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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