

Converting Colors

CIELCh(75, 37.202, 200.251)

Have a look what the booklet for
CIELCh(75, 37.202, 200.251)
contains.

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Color

CIELCh(75, 37.256, 200.119)

Conversions

Conversions Part 1

Format	Color
Hex	3FCBCF
RGB	63, 203, 207
RGB Percent	25%, 80%, 81%
CMY	0.7529, 0.2039, 0.1882
CMYK	0.70, 0.02, 0.00, 0.19
HSL	182°, 60%, 53%
HSV	182°, 70%, 81%
XYZ	34.6718, 48.2781, 66.5280
YIQ	161.5960, -84.7240, -28.4360

Conversions

Conversions Part 2

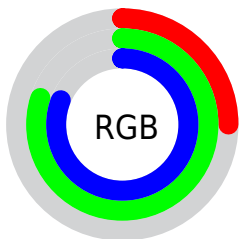
Format	Color
R _{YB}	63, 134, 207
Decimal	4180943
CIE Lab	75.00, -34.98, -12.81
CIE LCh	75, 37.256, 200.119
Yxy	48.2781, 0.2320, 0.3230
Android (android.graphics.Color)	4282371023 (0xFF3FCBCF)
YUV	161.5960, 22.3842, -86.4687
Hunter-Lab	69.4824, -32.5225, -8.1312




Details

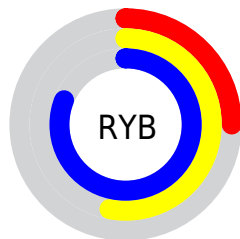
The CIELCh color **75, 37.256, 200.119** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **49, 64.267, 31.524**, and the grayscale version is **66, 0.008, 296.813**.




A 20% lighter version of the original color is **93, 36.444, 197.183**, and **56, 32.741, 201.587** is the 20% darker color. If you saturate the color by 10%, you get **74, 39.394, 200.252**, and if you desaturate by 10%, it is **76, 34.186, 200.098**.

Distribution







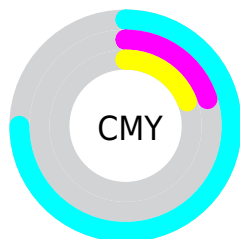
-  Red (25%)
-  Green (80%)
-  Blue (81%)






-  Red (25%)
-  Yellow (53%)
-  Blue (81%)



-  Cyan (70%)
-  Magenta (2%)
-  Yellow (0%)
-  Black (19%)





-  Cyan (75%)
-  Magenta (20%)
-  Yellow (19%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 37.256, 200.119 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, 37.256, 200.119 by changing the saturation by 10% instead.


 75, 37.256,
200.119


 75, 37.256,
200.119


 100, 37.256,
200.119


 65, 37.256,
200.119


 95, 37.256,
200.119

 55, 37.256,
200.119

 45, 37.256,
200.119

 35, 37.256,
200.119

 25, 37.256,
200.119

 15, 37.256,
200.119

 5, 37.256, 200.119

0, 37.256, 200.119

75, 37.256,
200.119

75, 37.256,
200.119

74, 39.394,
200.252

76, 34.186,
200.098

74, 40.642,
200.503

77, 30.204,
200.185

74, 41.175,
200.858

78, 25.373,
200.370

74, 41.194,
200.875

79, 19.790,
200.643

80, 13.568,
200.996

82, 6.825, 201.439

■ 83, 0.325, 20.054

■ 85, 7.777, 22.223

■ 87, 15.444, 22.779

Harmonies

Complementary

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



75, 37.256, 200.119



49, 64.267, 31.524

Rectangle

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



75, 37.256, 200.119



75, 37.256, 250.119



75, 37.256, 20.119



75, 37.256, 70.119

Sweetspot

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



75, 37.256, 200.118



96, 17.160, 200.930



74, 85.974, 138.515



51, 11.504, 200.828



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, 37.256, 200.118



90, 46.872, 200.349



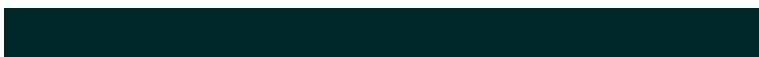
54, 44.845, 273.140



43, 4.087, 201.446



61, 35.332, 200.807



14, 13.608, 199.921

Inverse Universe

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



53, 83.662, 328.656



62, 108.283, 329.075



63, 53.213, 68.093



41, 7.550, 325.688



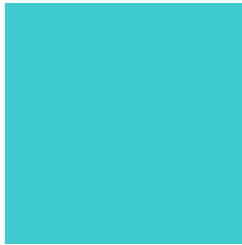
40, 82.851, 329.358



6, 30.466, 328.730

Previews

White Background



This preview shows how the CIE LCh color 75, 37.256, 200.119 looks on a white background.

Color Contrast Check

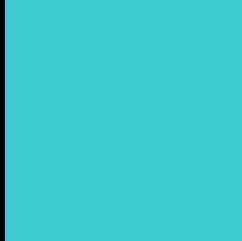
Large Text (above 18pt) WCAG AA × Fail

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, 37.256, 200.119 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

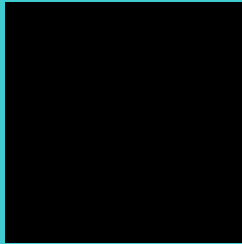
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

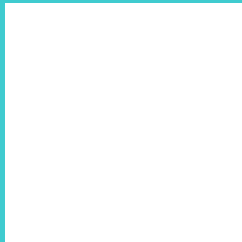
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 37.256, 200.119

Background



This preview shows how black text looks on a background with the CIELCh color 75, 37.256, 200.119.

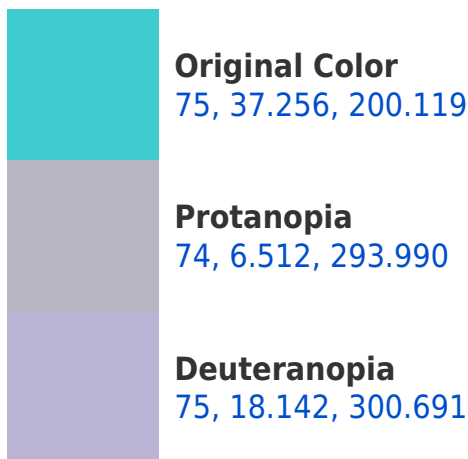


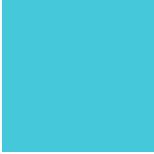
This preview shows how white text looks on a background with the CIELCh color 75, 37.256, 200.119.

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, 35.473, 212.219

Trichromacy



Original Color
75, 37.256, 200.119



Protanomaly
74, 17.556, 214.425



Deuteranomaly
74, 18.793, 238.148

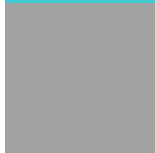


Tritanomaly
75, 35.989, 207.424

Monochromacy



Original Color
75, 37.256, 200.119



Achromatopsia
67, 0.008, 296.813



Achromatomaly
69, 17.495, 199.820

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 37.256, 200.119 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(63, 203, 207)` looks like.

```
.text, #text, p{  
    color:rgb(63, 203, 207)  
}
```

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(63, 203, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 203, 207) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 37.256, 200.119 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(63, 203, 207) }
```

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

```
.border{ border-color:rgb(63, 203, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 203, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 203, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 203, 207);  
box-shadow:4px 4px 4px 4px rgb(63, 203,  
207) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 37.256, 200.119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 203, 207) }
```

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

```
.background{ background-color: rgb(63, 203,  
207) }
```

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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