

Converting Colors

CIELCh(75, 32.972, 196.995)

Have a look what the booklet for
CIELCh(75, 32.972, 196.995)
contains.

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Color

CIELCh(75, 32.993, 197.004)

Conversions

Conversions Part 1

Format	Color
Hex	59C9C9
RGB	89, 201, 201
RGB Percent	35%, 79%, 79%
CMY	0.6497, 0.2106, 0.2106
CMYK	0.56, 0.00, 0.00, 0.21
HSL	180°, 51%, 57%
HSV	180°, 56%, 79%
XYZ	35.6807, 48.2781, 62.8731
YIQ	167.5120, -66.7520, -23.7440

Conversions

Conversions Part 2

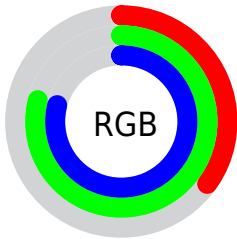
Format	Color
RYB	89, 145, 201
Decimal	5884361
CIELab	75.00, -31.55, -9.65
CIELCh	75, 32.993, 197.004
Yxy	48.2781, 0.2430, 0.3288
Android (android.graphics.Color)	4284074441 (0xFF59C9C9)
YUV	167.5120, 16.5096, -68.8550
Hunter-Lab	69.4824, -29.9308, -5.0124

Details

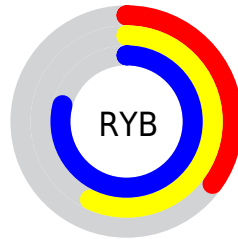
The CIELCh color **75, 32.993, 197.004** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **52, 49.756, 26.350**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 32.132, 197.441**, and **55, 32.831, 197.433** is the 20% darker color. If you saturate the color by 10%, you get **74, 36.499, 196.757**, and if you desaturate by 10%, it is **76, 28.607, 197.314**.

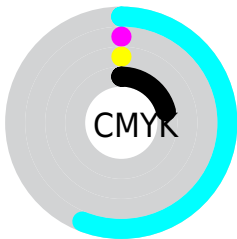
Distribution



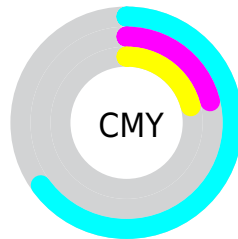
- Red (35%)
- Green (79%)
- Blue (79%)



- Red (35%)
- Yellow (57%)
- Blue (79%)



- Cyan (56%)
- Magenta (0%)
- Yellow (0%)
- Black (21%)





- Cyan (65%)
- Magenta (21%)
- Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 32.993, 197.004 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, 32.993, 197.004 by changing the saturation by 10% instead.


 75, 32.993,
197.004


 75, 32.993,
197.004


 100, 32.993,
197.004


 65, 32.993,
197.004


 95, 32.993,
197.004

 55, 32.993,
197.004

 45, 32.993,
197.004

 35, 32.993,
197.004

 25, 32.993,
197.004

 15, 32.993,
197.004

 5, 32.993, 197.004

0, 32.993, 197.004

75, 32.993,
197.004

75, 32.993,
197.004

74, 36.499,
196.757

76, 28.607,
197.314

74, 39.093,
196.577

77, 23.416,
197.689

74, 40.795,
196.459

78, 17.521,
198.125

74, 41.687,
196.398

79, 11.035,
198.622

74, 41.938,
196.380

80, 4.078, 199.229

82, 3.241, 19.479

83, 10.819, 20.183

■ 85, 18.572, 20.808

■ 86, 20.377, 20.951

Harmonies

Complementary

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



75, 32.993, 197.004



52, 49.756, 26.350

Rectangle

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



75, 32.993, 197.004



75, 32.993, 247.004



75, 32.993, 17.004



75, 32.993, 67.004

Sweetspot

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



75, 32.993, 197.002



97, 14.478, 198.537



73, 70.653, 139.441



51, 9.623, 198.433



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, 32.993, 197.002



92, 44.429, 196.709



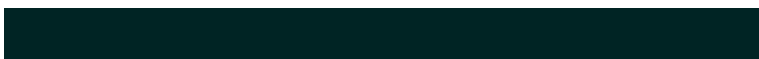
59, 33.818, 264.632



41, 4.034, 198.975



61, 35.889, 196.381



12, 12.984, 196.382

Inverse Universe

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



52, 49.756, 26.350



60, 74.290, 29.743



64, 40.495, 66.815



39, 4.279, 19.920



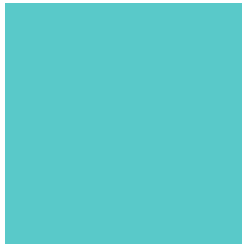
34, 74.643, 39.775



3, 15.885, 19.403

Previews

White Background



This preview shows how the CIELCh color 75, 32.993, 197.004 looks on a white background.

Color Contrast Check

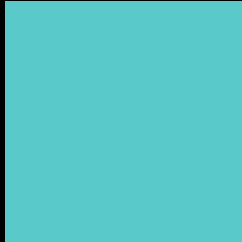
Large Text (above 18pt) WCAG AA × Fail

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, 32.993, 197.004 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

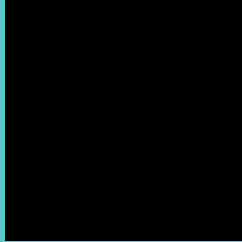
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

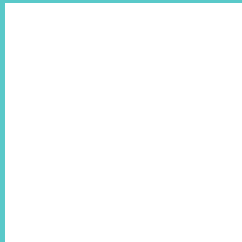
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 32.993, 197.004

Background



This preview shows how black text looks on a background with the CIELCh color 75, 32.993, 197.004.



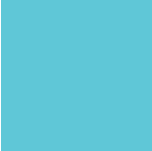
This preview shows how white text looks on a background with the CIELCh color 75, 32.993, 197.004.

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, 30.783, 213.831

Trichromacy



Original Color
75, 32.993, 197.004



Protanomaly
74, 13.657, 209.922



Deuteranomaly
74, 14.243, 239.218

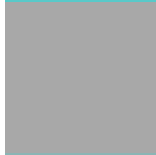


Tritanomaly
75, 31.319, 207.253

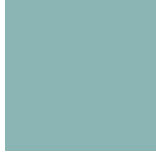
Monochromacy



Original Color
75, 32.993, 197.004



Achromatopsia
69, 0.009, 296.813



Achromatomaly
70, 14.370, 198.272

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 32.993, 197.004 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(89, 201, 201)` looks like.

```
.text, #text, p{  
    color:rgb(89, 201, 201)  
}
```

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(89, 201, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 201, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 32.993, 197.004 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(89, 201, 201) }
```

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

```
.border{ border-color:rgb(89, 201, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 201, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 201, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 201, 201);  
box-shadow:4px 4px 4px 4px rgb(89, 201,  
201) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 32.993, 197.004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 201, 201) }
```

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

```
.background{ background-color: rgb(89, 201,  
201) }
```

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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