

Converting Colors

CIELCh(75, 34.928, 187.855)

Have a look what the booklet for
CIELCh(75, 34.928, 187.855)
contains.

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Color

CIELCh(75, 34.928, 187.855)

Conversions

Conversions Part 1

Format	Color
Hex	58CAC0
RGB	88, 202, 192
RGB Percent	35%, 79%, 75%
CMY	0.6537, 0.2067, 0.2460
CMYK	0.56, 0.00, 0.05, 0.21
HSL	175°, 52%, 57%
HSV	175°, 56%, 79%
XYZ	34.7833, 48.2781, 57.5120
YIQ	166.7740, -64.7340, -27.2780

Conversions

Conversions Part 2

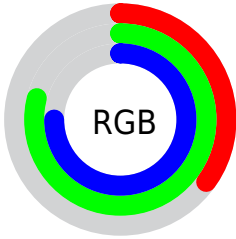
Format	Color
R _Y B	88, 148, 202
Decimal	5819072
CIE Lab	75.00, -34.60, -4.77
CIE LCh	75, 34.928, 187.855
Yxy	48.2781, 0.2474, 0.3434
Android (android.graphics.Color)	4284009152 (0xFF58CAC0)
YUV	166.7740, 12.4364, -69.0848
Hunter-Lab	69.4824, -32.2362, -0.4378

Details

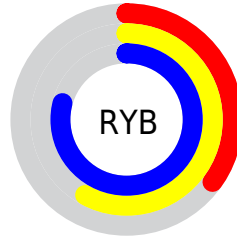
The CIELCh color **75, 34.928, 187.855** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **52, 49.210, 20.210**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **94, 33.167, 191.054**, and **55, 34.722, 188.513** is the 20% darker color. If you saturate the color by 10%, you get **74, 38.832, 187.021**, and if you desaturate by 10%, it is **76, 30.173, 188.653**.

Distribution



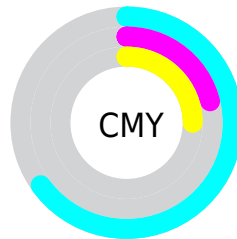
- Red (35%)
- Green (79%)
- Blue (75%)



- Red (35%)
- Yellow (58%)
- Blue (79%)



- Cyan (56%)
- Magenta (0%)
- Yellow (5%)
- Black (21%)





- Cyan (65%)
- Magenta (21%)
- Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 34.928, 187.855 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, 34.928, 187.855 by changing the saturation by 10% instead.


 75, 34.928,
187.855


 75, 34.928,
187.855


 100, 34.928,
187.855


 65, 34.928,
187.855


 95, 34.928,
187.855

 55, 34.928,
187.855

 45, 34.928,
187.855

 35, 34.928,
187.855

 25, 34.928,
187.855

 15, 34.928,
187.855

 5, 34.928, 187.855

0, 34.928, 187.855

75, 34.928,
187.855

75, 34.928,
187.855

74, 38.832,
187.021

76, 30.173,
188.653

74, 41.838,
186.139

77, 24.653,
189.431

74, 43.953,
185.192

78, 18.481,
190.199

73, 45.261,
184.164

79, 11.778,
190.968

73, 45.640,
183.781

80, 4.668, 191.786

82, 2.740, 12.214

84, 10.344, 13.098

■ 86, 18.065, 13.853

■ 86, 19.977, 12.029

Harmonies

Complementary

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



75, 34.928, 187.855



52, 49.210, 20.210

Rectangle

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



75, 34.928, 187.855



75, 34.928, 237.855



75, 34.928, 7.855



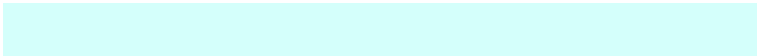
75, 34.928, 57.855

Sweetspot

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



75, 34.928, 187.853



97, 14.755, 190.900



73, 70.160, 137.736



51, 9.819, 190.742



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, 34.928, 187.853



91, 47.263, 186.799



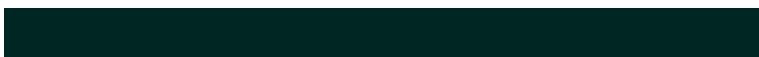
62, 31.145, 254.284



42, 4.179, 191.521



61, 39.309, 183.944



13, 14.358, 186.350

Inverse Universe

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



52, 49.210, 20.210



60, 72.421, 24.002



62, 41.137, 58.509



40, 4.391, 12.834



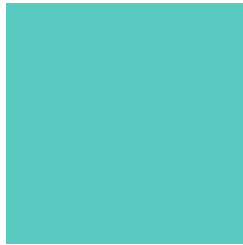
34, 72.040, 36.090



4, 17.980, 15.085

Previews

White Background



This preview shows how the CIELCh color 75, 34.928, 187.855 looks on a white background.

Color Contrast Check

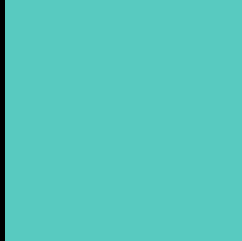
Large Text (above 18pt) WCAG AA × Fail

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, 34.928, 187.855 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

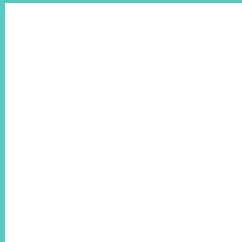
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 34.928, 187.855

Background



This preview shows how black text looks on a background with the CIELCh color 75, 34.928, 187.855.

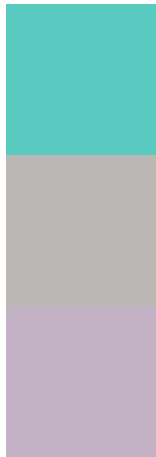


This preview shows how white text looks on a background with the CIELCh color 75, 34.928, 187.855.

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

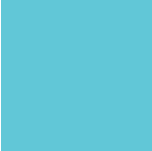
75, 34.928, 187.855

Protanopia

75, 1.832, 55.193

Deuteranopia

74, 12.066, 322.009



Tritanopia
75, 30.396, 214.070

Trichromacy



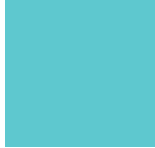
Original Color
75, 34.928, 187.855



Protanomaly
74, 14.125, 187.229



Deuteranomaly
74, 11.504, 220.895

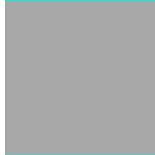


Tritanomaly
75, 31.219, 204.216

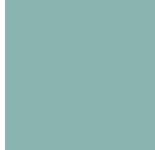
Monochromacy



Original Color
75, 34.928, 187.855



Achromatopsia
68, 0.008, 296.813



Achromatomaly
70, 15.066, 189.802

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 34.928, 187.855 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(88, 202, 192)` looks like.

```
.text, #text, p{  
    color:rgb(88, 202, 192)  
}
```

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(88, 202, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 202, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 34.928, 187.855 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(88, 202, 192) }
```

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

```
.border{ border-color:rgb(88, 202, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 202, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 202, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 202, 192);  
box-shadow:4px 4px 4px 4px rgb(88, 202,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 34.928, 187.855 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 202, 192) }
```

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

```
.background{ background-color: rgb(88, 202,  
192) }
```

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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