

Converting Colors

CIELCh(75, 25.843, 211.034)

Have a look what the booklet for
CIELCh(75, 25.843, 211.034)
contains.

CIELCh(75, 25.843, 211.034)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(75, 25.843, 211.034)

Conversions

Conversions Part 1

Format	Color
Hex	73C5D0
RGB	115, 197, 208
RGB Percent	45%, 77%, 82%
CMY	0.5480, 0.2264, 0.1833
CMYK	0.45, 0.05, 0.00, 0.18
HSL	187°, 50%, 63%
HSV	187°, 45%, 82%
XYZ	38.5458, 48.2781, 67.1275
YIQ	173.7360, -52.4030, -13.9630

Conversions

Conversions Part 2

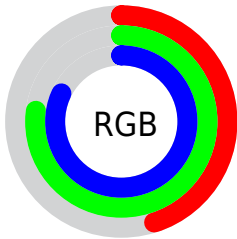
Format	Color
R _{YB}	115, 159, 208
Decimal	7587280
CIE Lab	75.00, -22.14, -13.32
CIE LCh	75, 25.843, 211.034
Yxy	48.2781, 0.2504, 0.3136
Android (android.graphics.Color)	4285777360 (0xFF73C5D0)
YUV	173.7360, 16.8922, -51.5115
Hunter-Lab	69.4824, -22.5704, -8.6428

Details

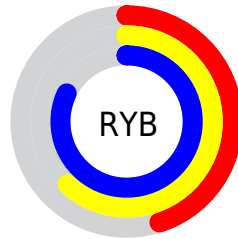
The CIELCh color **75, 25.843, 211.034** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **61, 36.252, 32.618**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 25.879, 198.970**, and **55, 25.882, 211.463** is the 20% darker color. If you saturate the color by 10%, you get **73, 29.914, 211.614**, and if you desaturate by 10%, it is **77, 21.022, 210.663**.

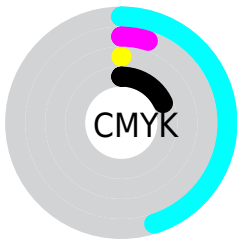
Distribution



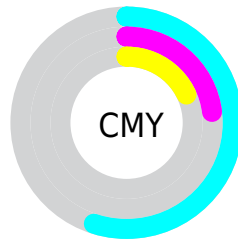
- Red (45%)
- Green (77%)
- Blue (82%)



- Red (45%)
- Yellow (62%)
- Blue (82%)



- Cyan (45%)
- Magenta (5%)
- Yellow (0%)
- Black (18%)





- Cyan (55%)
- Magenta (23%)
- Yellow (18%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 25.843, 211.034 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, 25.843, 211.034 by changing the saturation by 10% instead.


 75, 25.843,
211.034


 75, 25.843,
211.034


 100, 25.843,
211.034


 65, 25.843,
211.034


 95, 25.843,
211.034

 55, 25.843,
211.034

 45, 25.843,
211.034

 35, 25.843,
211.034

 25, 25.843,
211.034

 15, 25.843,
211.034

 5, 25.843, 211.034

0, 25.843, 211.034

75, 25.843,
211.034

75, 25.843,
211.034

73, 29.914,
211.614

77, 21.022,
210.663

72, 33.152,
212.454

78, 15.554,
210.472

71, 35.508,
213.600

80, 9.550, 210.433

83, 3.114, 210.603

70, 36.989,
215.101

85, 3.655, 30.395

69, 37.670,
216.997

87, 10.674, 30.696

69, 37.835,
218.127

89, 15.580, 32.361

■ 90, 15.019, 37.711

■ 90, 14.600, 43.419

Harmonies

Complementary

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



75, 25.843, 211.034



61, 36.252, 32.618

Rectangle

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



75, 25.843, 211.034



75, 25.843, 261.034



75, 25.843, 31.034



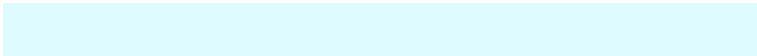
75, 25.843, 81.034

Sweetspot

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



75, 25.843, 211.032



97, 10.029, 210.440



76, 55.240, 144.112



51, 6.972, 210.430



0, 0.000, 0.000



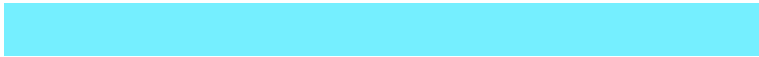
53, 0.007, 296.813

Same Dimension

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



75, 25.843, 211.032



88, 34.839, 211.612



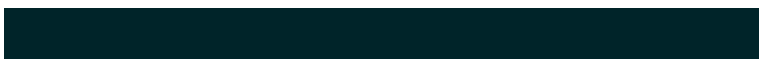
62, 33.394, 274.912



43, 3.765, 210.477



56, 32.320, 217.762



12, 12.555, 213.133

Inverse Universe

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



61, 55.029, 330.485



70, 76.699, 331.072



73, 34.707, 80.968



41, 7.093, 328.356



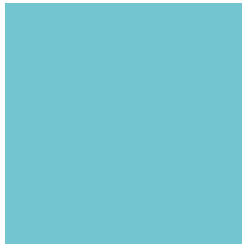
39, 77.213, 333.539



5, 28.411, 332.065

Previews

White Background



This preview shows how the CIELCh color 75, 25.843, 211.034 looks on a white background.

Color Contrast Check

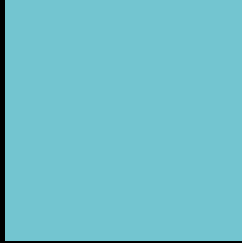
Large Text (above 18pt) WCAG AA × Fail

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, 25.843, 211.034 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

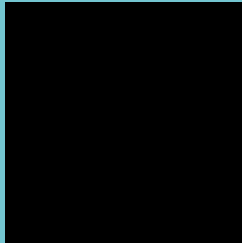
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 25.843, 211.034

Background



This preview shows how black text looks on a background with the CIELCh color 75, 25.843, 211.034.

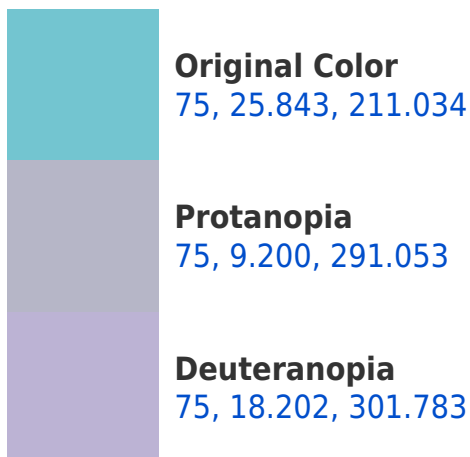


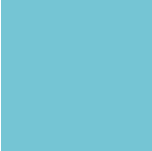
This preview shows how white text looks on a background with the CIELCh color 75, 25.843, 211.034.

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, 25.595, 216.332

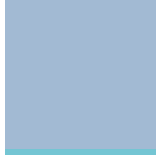
Trichromacy



Original Color
75, 25.843, 211.034



Protanomaly
75, 12.584, 235.942



Deuteranomaly
75, 15.530, 259.971

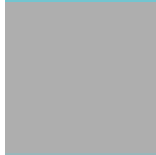


Tritanomaly
75, 25.755, 214.910

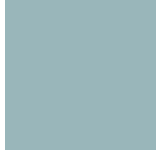
Monochromacy



Original Color
75, 25.843, 211.034



Achromatopsia
71, 0.009, 296.813



Achromatomaly
72, 10.429, 210.758

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 25.843, 211.034 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(115, 197, 208)` looks like.

```
.text, #text, p{  
    color:rgb(115, 197, 208)  
}
```

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(115, 197, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 197, 208) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 25.843, 211.034 is called "border". The border property can be set on classes, ids or directly on the HTML element.

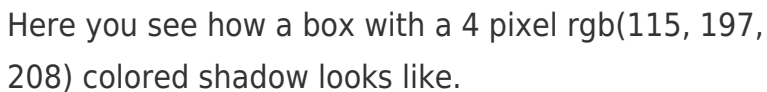
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(115, 197, 208) }
```

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

```
.border{ border-color:rgb(115, 197, 208) }
```

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



Here you see how a box with a 4 pixel `rgb(115, 197, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 197, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 197, 208);  
box-shadow:4px 4px 4px 4px rgb(115, 197,  
208) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 25.843, 211.034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 197, 208) }
```

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

```
.background{ background-color: rgb(115,  
197, 208) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor