

Converting Colors

CIELCh(75, 26.307, 199.893)

Have a look what the booklet for
CIELCh(75, 26.307, 199.893)
contains.

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Color

CIELCh(75, 26.263, 199.857)

Conversions

Conversions Part 1

Format	Color
Hex	73C6C8
RGB	115, 198, 200
RGB Percent	45%, 78%, 78%
CMY	0.5485, 0.2230, 0.2152
CMYK	0.42, 0.01, 0.00, 0.22
HSL	181°, 44%, 62%
HSV	181°, 42%, 78%
XYZ	37.7522, 48.2781, 62.0527
YIQ	173.4110, -50.1100, -16.9740

Conversions

Conversions Part 2

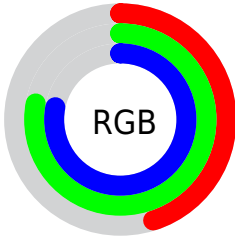
Format	Color
RYB	115, 157, 200
Decimal	7587528
CIELab	75.00, -24.70, -8.92
CIELCh	75, 26.263, 199.857
Yxy	48.2781, 0.2549, 0.3260
Android (android.graphics.Color)	4285777608 (0xFF73C6C8)
YUV	173.4110, 13.1084, -51.2264
Hunter-Lab	69.4824, -24.6092, -4.3124

Details

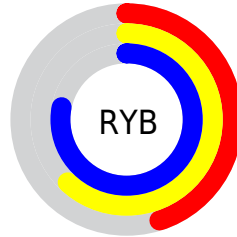
The CIELCh color **75, 26.263, 199.857** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **58, 35.704, 25.270**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 26.483, 197.785**, and **55, 26.312, 199.508** is the 20% darker color. If you saturate the color by 10%, you get **74, 30.761, 199.669**, and if you desaturate by 10%, it is **76, 21.004, 200.126**.

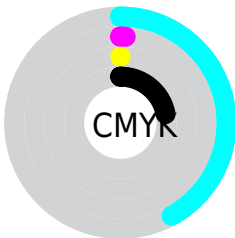
Distribution



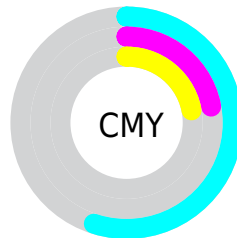
- Red (45%)
- Green (78%)
- Blue (78%)



- Red (45%)
- Yellow (62%)
- Blue (78%)



- Cyan (42%)
- Magenta (1%)
- Yellow (0%)
- Black (22%)





- Cyan (55%)
- Magenta (22%)
- Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 26.263, 199.857 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, 26.263, 199.857 by changing the saturation by 10% instead.


 75, 26.263,
199.857


 75, 26.263,
199.857


 100, 26.263,
199.857


 65, 26.263,
199.857


 95, 26.263,
199.857

 55, 26.263,
199.857

 45, 26.263,
199.857

 35, 26.263,
199.857

 25, 26.263,
199.857

 15, 26.263,
199.857

 5, 26.263, 199.857

■ 0, 26.263, 199.857

■ 75, 26.263,
199.857

■ 75, 26.263,
199.857

■ 74, 30.761,
199.669

■ 76, 21.004,
200.126

■ 73, 34.413,
199.577

■ 77, 15.089,
200.476

■ 73, 37.168,
199.587

■ 79, 8.635, 200.905

■ 72, 39.024,
199.704

■ 80, 1.753, 201.609

■ 82, 5.452, 21.684

■ 72, 40.036,
199.928

■ 84, 12.888, 22.266

■ 72, 40.399,
200.151

■ 86, 20.388, 22.829

■ 86, 20.225, 23.514

■ 86, 20.064, 24.210

Harmonies

Complementary

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



75, 26.263, 199.857



58, 35.704, 25.270

Rectangle

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



75, 26.263, 199.857



75, 26.263, 249.857



75, 26.263, 19.857



75, 26.263, 69.857

Sweetspot

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



75, 26.263, 199.855



98, 10.936, 200.871



74, 54.597, 141.598



52, 7.603, 200.769



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, 26.263, 199.855



92, 36.553, 199.679



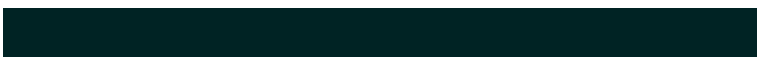
63, 27.091, 264.708



41, 3.939, 201.060



60, 34.738, 200.094



11, 12.655, 199.254

Inverse Universe

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



60, 54.199, 327.360



72, 77.803, 327.801



68, 30.195, 71.813



39, 7.266, 325.567



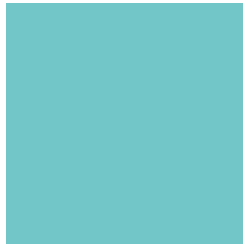
38, 81.265, 329.179



4, 26.213, 327.789

Previews

White Background



This preview shows how the CIELCh color 75, 26.263, 199.857 looks on a white background.

Color Contrast Check

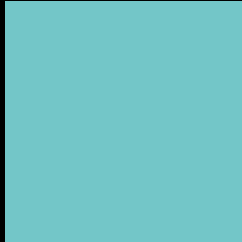
Large Text (above 18pt) WCAG AA × Fail

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, 26.263, 199.857 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

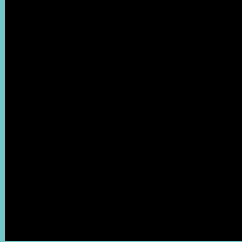
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 26.263, 199.857

Background



This preview shows how black text looks on a background with the CIELCh color 75, 26.263, 199.857.

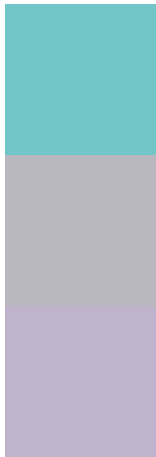


This preview shows how white text looks on a background with the CIELCh color 75, 26.263, 199.857.

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, 26.263, 199.857

Protanopia
75, 4.401, 300.163

Deuteranopia
75, 14.373, 310.299



Tritanopia
75, 24.981, 218.207

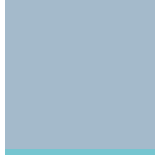
Trichromacy



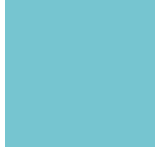
Original Color
75, 26.263, 199.857



Protanomaly
75, 10.464, 213.721



Deuteranomaly
74, 11.755, 250.732

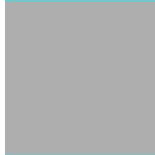


Tritanomaly
75, 25.118, 211.476

Monochromacy



Original Color
75, 26.263, 199.857



Achromatopsia
71, 0.009, 296.813



Achromatomaly
72, 10.667, 201.536

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 26.263, 199.857 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, 198, 200)` looks like.

```
.text, #text, p{  
    color:rgb(115, 198, 200)  
}
```

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, 198, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 198, 200) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 26.263, 199.857 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, 198, 200) }
```

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

```
.border{ border-color:rgb(115, 198, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 198, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 198, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 198, 200);  
box-shadow:4px 4px 4px 4px rgb(115, 198,  
200) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 26.263, 199.857 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 198, 200) }
```

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

```
.background{ background-color: rgb(115,  
198, 200) }
```

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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