

Converting Colors

CIELCh(75, 10.485, 265.740)

Have a look what the booklet for
CIELCh(75, 10.485, 265.740)
contains.

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Color

CIELCh(75, 10.623, 265.770)

Conversions

Conversions Part 1

Format	Color
Hex	ADBACC
RGB	173, 186, 204
RGB Percent	68%, 73%, 80%
CMY	0.3221, 0.2711, 0.2006
CMYK	0.15, 0.09, 0.00, 0.20
HSL	215°, 23%, 74%
HSV	215°, 15%, 80%
XYZ	45.6124, 48.2781, 63.9501
YIQ	184.1650, -13.5260, 2.8420

Conversions

Conversions Part 2

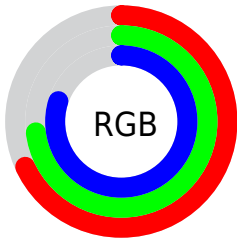
Format	Color
RYB	173, 182, 204
Decimal	11385548
CIELab	75.00, -0.78, -10.59
CIELCh	75, 10.623, 265.770
Yxy	48.2781, 0.2890, 0.3059
Android (android.graphics.Color)	4289575628 (0xFFADBACC)
YUV	184.1650, 9.7787, -9.7917
Hunter-Lab	69.4824, -4.4162, -5.9315

Details

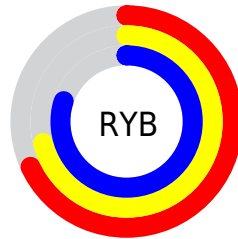
The CIELCh color $75, 10.623, 265.770$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $78, 10.833, 81.648$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $95, 7.933, 256.823$, and $55, 10.729, 265.132$ is the 20% darker color. If you saturate the color by 10%, you get $70, 17.631, 267.458$, and if you desaturate by 10%, it is $80, 3.634, 264.364$.

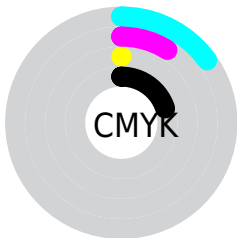
Distribution



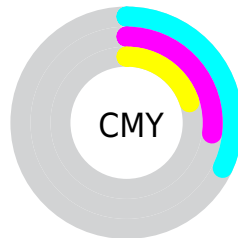
- Red (68%)
- Green (73%)
- Blue (80%)



- Red (68%)
- Yellow (71%)
- Blue (80%)



- Cyan (15%)
- Magenta (9%)
- Yellow (0%)
- Black (20%)





- Cyan (32%)
- Magenta (27%)
- Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 10.623, 265.770 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, 10.623, 265.770 by changing the saturation by 10% instead.


 75, 10.623,
265.770


 75, 10.623,
265.770


 100, 10.623,
265.770


 65, 10.623,
265.770


 95, 10.623,
265.770

 55, 10.623,
265.770

 45, 10.623,
265.770

 35, 10.623,
265.770

 25, 10.623,
265.770

 15, 10.623,
265.770

 5, 10.623, 265.770

0, 10.623, 265.770

75, 10.623,
265.770

75, 10.623,
265.770

70, 17.631,
267.458

80, 3.634, 264.364

66, 24.653,
269.461

84, 3.322, 82.940

61, 31.686,
271.819

89, 10.232, 81.929

57, 38.744,
274.579

93, 17.086, 81.010

53, 45.859,
277.766

96, 21.281, 98.381

99, 25.807,
108.219

49, 53.083,
281.369

■ 45, 60.476,
285.306

■ 41, 68.063,
289.414

■ 39, 71.773,
291.294

Harmonies

Complementary

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



75, 10.623, 265.770



78, 10.833, 81.648

Rectangle

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



75, 10.623, 265.770



75, 10.623, 315.770



75, 10.623, 85.770



75, 10.623, 135.770

Sweetspot

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



75, 10.622, 265.763



97, 4.186, 264.348



79, 13.385, 166.076



52, 2.855, 264.433



0, 0.000, 0.000



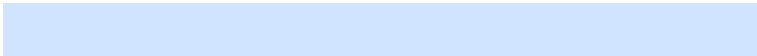
53, 0.007, 296.813

Same Dimension

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



75, 10.622, 265.763



90, 15.086, 266.246



72, 16.946, 294.255



41, 3.962, 264.908



32, 60.584, 290.655



5, 16.661, 277.321

Inverse Universe

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



74, 13.621, 349.605



88, 19.413, 349.922



81, 16.371, 111.494



40, 5.042, 349.019



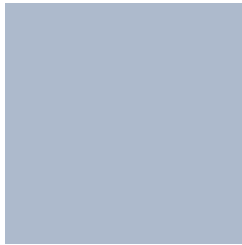
35, 61.232, 9.327



4, 19.226, 358.409

Previews

White Background



This preview shows how the CIELCh color 75, 10.623, 265.770 looks on a white background.

Color Contrast Check

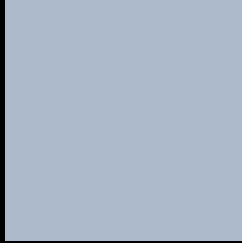
Large Text (above 18pt) WCAG AA × Fail

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, 10.623, 265.770 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

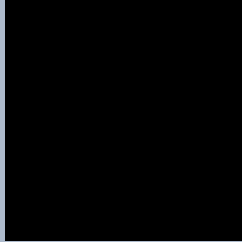
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

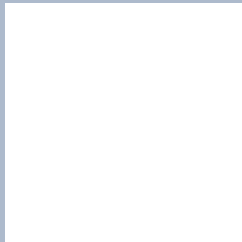
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 10.623, 265.770

Background



This preview shows how black text looks on a background with the CIELCh color 75, 10.623, 265.770.



This preview shows how white text looks on a background with the CIELCh color 75, 10.623, 265.770.

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, 10.623, 265.770

Protanopia

75, 10.271, 289.168

Deuteranopia

75, 15.000, 310.947



Tritanopia
75, 9.373, 259.273

Trichromacy



Original Color
75, 10.623, 265.770

Protanomaly
75, 10.380, 281.357

Deuteranomaly
75, 13.138, 299.147

Tritanomaly
75, 9.829, 261.029

Monochromacy



Original Color
75, 10.623, 265.770

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 3.690, 261.000

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 10.623, 265.770 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(173, 186, 204)` looks like.

```
.text, #text, p{  
    color:rgb(173, 186, 204)  
}
```

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(173, 186, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 186, 204) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 10.623, 265.770 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(173, 186, 204) }
```

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

```
.border{ border-color:rgb(173, 186, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 186, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 186, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 186, 204);  
box-shadow:4px 4px 4px 4px rgb(173, 186,  
204) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 10.623, 265.770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 186, 204) }
```

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

```
.background{ background-color: rgb(173,  
186, 204) }
```

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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