

Converting Colors

CIELCh(75, 7.727, 251.006)

Have a look what the booklet for
CIELCh(75, 7.727, 251.006) contains.

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Color

CIELCh(75, 7.647, 250.271)

Conversions

Conversions Part 1

Format	Color
Hex	ADBBC6
RGB	173, 187, 198
RGB Percent	68%, 73%, 78%
CMY	0.3230, 0.2682, 0.2251
CMYK	0.13, 0.06, 0.00, 0.23
HSL	206°, 18%, 73%
HSV	206°, 13%, 77%
XYZ	44.9869, 48.2781, 60.1386
YIQ	184.0680, -11.8750, 0.4530

Conversions

Conversions Part 2

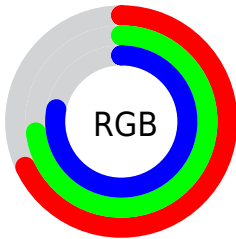
Format	Color
RYB	173, 182, 198
Decimal	11385798
CIELab	75.00, -2.58, -7.20
CIELCh	75, 7.647, 250.271
Yxy	48.2781, 0.2933, 0.3147
Android (android.graphics.Color)	4289575878 (0xFFADBBC6)
YUV	184.0680, 6.8685, -9.7066
Hunter-Lab	69.4824, -6.0233, -2.6791

Details

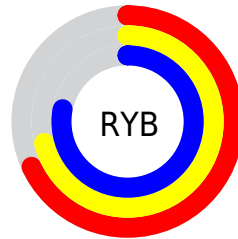
The CIELCh color $75, 7.647, 250.271$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $75, 7.986, 67.183$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $95, 7.708, 252.497$, and $55, 7.646, 247.941$ is the 20% darker color. If you saturate the color by 10%, you get $71, 13.538, 251.757$, and if you desaturate by 10%, it is $79, 1.619, 249.190$.

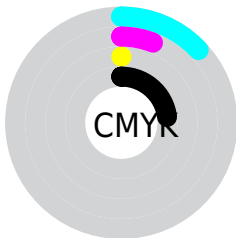
Distribution



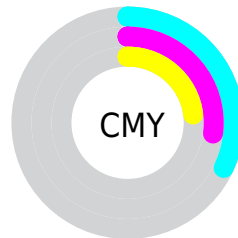
- Red (68%)
- Green (73%)
- Blue (78%)



- Red (68%)
- Yellow (71%)
- Blue (78%)



- Cyan (13%)
- Magenta (6%)
- Yellow (0%)
- Black (23%)



- Cyan (32%)
- Magenta (27%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 7.647, 250.271 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, 7.647, 250.271 by changing the saturation by 10% instead.

■ 75, 7.647, 250.271

■ 75, 7.647, 250.271

■ 100, 7.647,
250.271

■ 65, 7.647, 250.271

■ 95, 7.647, 250.271

■ 55, 7.647, 250.271

■ 45, 7.647, 250.271

■ 35, 7.647, 250.271

■ 25, 7.647, 250.271

■ 15, 7.647, 250.271

■ 5, 7.647, 250.271

■ 0, 7.647, 250.271

■ 75, 7.647, 250.271

■ 75, 7.647, 250.271

71, 13.538,
251.757

79, 1.619, 249.190

68, 19.256,
253.580

83, 4.508, 67.781

64, 24.768,
255.784

86, 10.704, 66.936

61, 30.050,
258.437

90, 16.942, 66.186

93, 19.266, 79.249

57, 35.100,
261.601

95, 21.934, 92.148

97, 25.449,
101.763

54, 39.950,
265.316

99, 28.925,
107.980

51, 44.677,
269.567

48, 49.396,
274.253

46, 52.967,

277.748

Harmonies

Complementary

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



75, 7.647, 250.271



75, 7.986, 67.183

Rectangle

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



75, 7.647, 250.271



75, 7.647, 300.271



75, 7.647, 70.271



75, 7.647, 120.271

Sweetspot

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



75, 7.646, 250.258



98, 3.003, 249.268



78, 11.972, 159.245



52, 2.132, 249.333



0, 0.000, 0.000



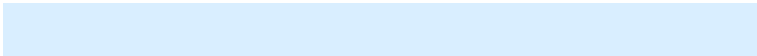
53, 0.007, 296.813

Same Dimension

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



75, 7.646, 250.258



93, 11.124, 250.616



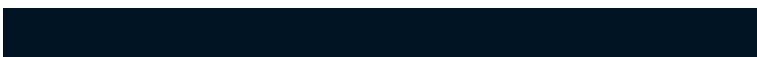
72, 12.722, 288.765



40, 3.459, 249.838



38, 45.387, 277.009



6, 13.069, 264.464

Inverse Universe

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



73, 12.061, 341.521



90, 17.638, 341.746



79, 12.411, 106.080



39, 5.419, 341.241



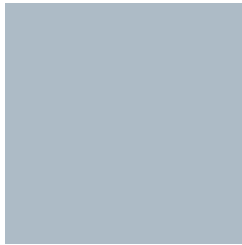
35, 61.699, 356.050



4, 18.511, 349.277

Previews

White Background



This preview shows how the CIELCh color 75, 7.647, 250.271 looks on a white background.

Color Contrast Check

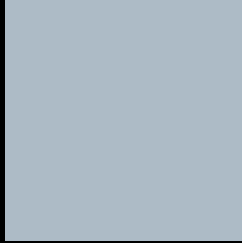
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 75, 7.647, 250.271 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

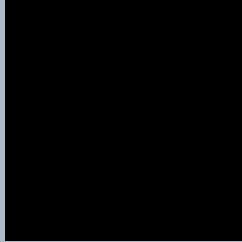
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

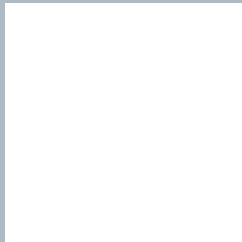
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 7.647, 250.271

Background



This preview shows how black text looks on a background with the CIELCh color 75, 7.647, 250.271.

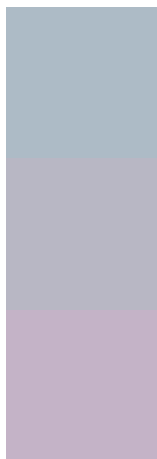


This preview shows how white text looks on a background with the CIELCh color 75, 7.647, 250.271.

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, 7.647, 250.271

Protanopia

75, 7.045, 293.786

Deuteranopia

75, 12.516, 320.728



Tritanopia
75, 9.205, 261.134

Trichromacy



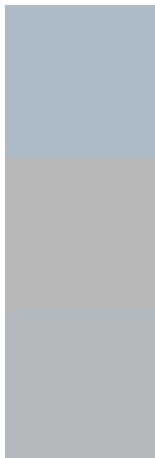
Original Color
75, 7.647, 250.271

Protanomaly
75, 7.144, 279.271

Deuteranomaly
75, 8.867, 302.728

Tritanomaly
75, 8.747, 259.269

Monochromacy



Original Color
75, 7.647, 250.271

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 2.808, 249.862

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 7.647, 250.271 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, 187, 198)` looks like.

```
.text, #text, p{  
    color:rgb(173, 187, 198)  
}
```

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, 187, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 187, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 7.647, 250.271 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, 187, 198) }
```

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

```
.border{ border-color:rgb(173, 187, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 187, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 187, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 187, 198);  
box-shadow:4px 4px 4px 4px rgb(173, 187,  
198) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 7.647, 250.271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 187, 198) }
```

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

```
.background{ background-color: rgb(173,  
187, 198) }
```

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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