

Converting Colors

CIELCh(75, 1.614, 175.517)

Have a look what the booklet for
CIELCh(75, 1.614, 175.517) contains.

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Color

CIELCh(75, 1.837, 163.687)

Conversions

Conversions Part 1

Format	Color
Hex	B6BAB8
RGB	182, 186, 184
RGB Percent	71%, 73%, 72%
CMY	0.2879, 0.2722, 0.2801
CMYK	0.02, 0.00, 0.01, 0.27
HSL	150°, 3%, 72%
HSV	150°, 2%, 73%
XYZ	45.2709, 48.2781, 52.0497
YIQ	184.5760, -1.7420, -1.4700

Conversions

Conversions Part 2

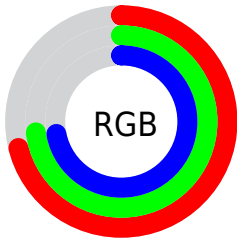
Format	Color
RYB	182, 185, 186
Decimal	11975352
CIELab	75.00, -1.76, 0.52
CIELCh	75, 1.837, 163.687
Yxy	48.2781, 0.3109, 0.3316
Android (android.graphics.Color)	4290165432 (0xFFB6BAB8)
YUV	184.5760, -0.2840, -2.2592
Hunter-Lab	69.4824, -5.2936, 4.2232

Details

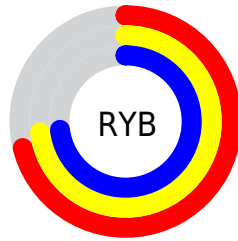
The CIELCh color $75, 1.837, 163.687$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $74, 1.856, 343.598$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $95, 1.747, 163.784$, and $55, 1.956, 163.569$ is the 20% darker color. If you saturate the color by 10%, you get $73, 10.412, 162.648$, and if you desaturate by 10%, it is $77, 6.691, 344.170$.

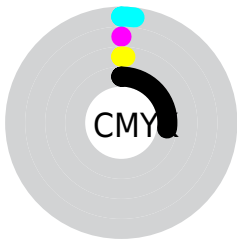
Distribution



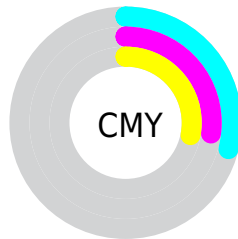
- Red (71%)
- Green (73%)
- Blue (72%)



- Red (71%)
- Yellow (73%)
- Blue (73%)



- Cyan (2%)
- Magenta (0%)
- Yellow (1%)
- Black (27%)



- Cyan (29%)
- Magenta (27%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 1.837, 163.687 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, 1.837, 163.687 by changing the saturation by 10% instead.

■ 75, 1.837, 163.687

■ 75, 1.837, 163.687

■ 100, 1.837,
163.687

■ 65, 1.837, 163.687

■ 95, 1.837, 163.687

■ 55, 1.837, 163.687

■ 45, 1.837, 163.687

■ 35, 1.837, 163.687

■ 25, 1.837, 163.687

■ 15, 1.837, 163.687

■ 5, 1.837, 163.687

■ 0, 1.837, 163.687

■ 75, 1.837, 163.687

■ 75, 1.837, 163.687

73, 10.412,
162.648

77, 6.691, 344.170

72, 18.938,
161.693

79, 15.107,
344.906

71, 27.302,
160.638

81, 23.359,
345.566

70, 35.374,
159.454

83, 31.174,
345.816

69, 43.010,
158.116

83, 33.997,
338.939

68, 50.070,
156.601

83, 37.267,
333.268

67, 56.434,
154.886

83, 40.870,
328.631

67, 62.023,
152.962

84, 43.506,
325.932

66, 66.826,

150.836

Harmonies

Complementary

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



75, 1.837, 163.687



74, 1.856, 343.598

Rectangle

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



75, 1.837, 163.687



75, 1.837, 213.687



75, 1.837, 343.687



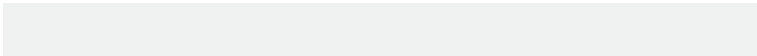
75, 1.837, 33.687

Sweetspot

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



75, 1.839, 163.666



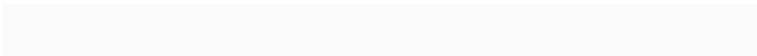
95, 1.055, 163.993



75, 2.272, 128.438



51, 0.604, 164.021



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



75, 1.839, 163.666



95, 3.182, 163.533



75, 1.475, 198.242



39, 1.920, 163.450



56, 61.165, 149.456



8, 14.443, 157.607

Inverse Universe

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



74, 1.856, 343.598



94, 3.208, 343.731



74, 1.496, 17.807



38, 1.936, 343.813



33, 58.653, 1.345



3, 12.210, 350.769

Previews

White Background



This preview shows how the CIELCh color 75, 1.837, 163.687 looks on a white background.

Color Contrast Check

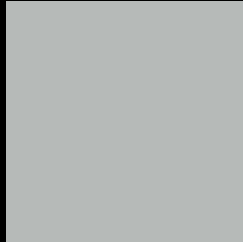
Large Text (above 18pt) WCAG AA × Fail

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, 1.837, 163.687 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

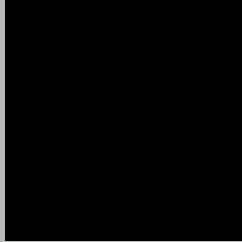
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

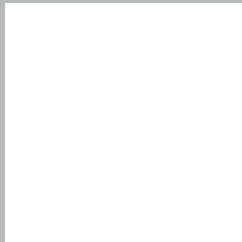
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 1.837, 163.687

Background



This preview shows how black text looks on a background with the CIELCh color 75, 1.837, 163.687.

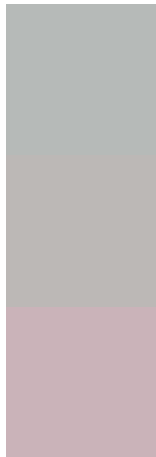


This preview shows how white text looks on a background with the CIELCh color 75, 1.837, 163.687.

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, 1.837, 163.687

Protanopia

75, 1.830, 55.193

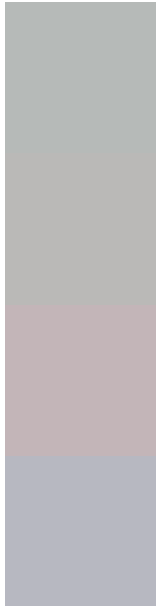
Deuteranopia

75, 9.257, 359.774



Tritanopia
75, 8.124, 293.484

Trichromacy



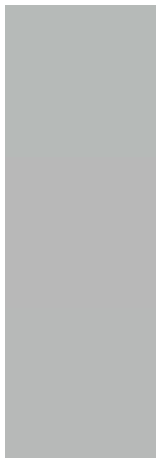
Original Color
75, 1.837, 163.687

Protanomaly
75, 1.127, 90.728

Deuteranomaly
75, 5.508, 2.740

Tritanomaly
75, 4.873, 286.376

Monochromacy



Original Color
75, 1.837, 163.687

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 0.916, 163.982

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 1.837, 163.687 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(182, 186, 184)` looks like.

```
.text, #text, p{  
    color:rgb(182, 186, 184)  
}
```

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(182, 186, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 186, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 1.837, 163.687 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(182, 186, 184) }
```

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

```
.border{ border-color:rgb(182, 186, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 186, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 186, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 186, 184);  
box-shadow:4px 4px 4px 4px rgb(182, 186,  
184) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 1.837, 163.687 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 186, 184) }
```

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

```
.background{ background-color: rgb(182,  
186, 184) }
```

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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