

Converting Colors

CIELCh(75, 1.971, 153.558)

Have a look what the booklet for
CIELCh(75, 1.971, 153.558) contains.

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Color

CIELCh(75, 2.202, 152.342)

Conversions

Conversions Part 1

Format	Color
Hex	B6BAB7
RGB	182, 186, 183
RGB Percent	71%, 73%, 72%
CMY	0.2876, 0.2719, 0.2837
CMYK	0.02, 0.00, 0.02, 0.27
HSL	135°, 3%, 72%
HSV	135°, 2%, 73%
XYZ	45.2058, 48.2781, 51.5459
YIQ	184.4620, -1.4210, -1.7810

Conversions

Conversions Part 2

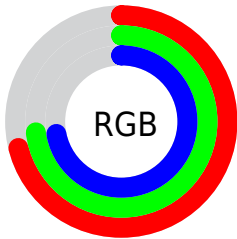
Format	Color
RYB	182, 185, 186
Decimal	11975351
CIELab	75.00, -1.95, 1.02
CIElCh	75, 2.202, 152.342
Yxy	48.2781, 0.3117, 0.3329
Android (android.graphics.Color)	4290165431 (0xFFB6BAB7)
YUV	184.4620, -0.7208, -2.1592
Hunter-Lab	69.4824, -5.4609, 4.6531

Details

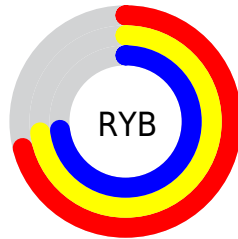
The CIELCh color $75, 2.202, 152.342$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $74, 2.220, 332.334$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $95, 2.093, 152.411$, and $55, 2.345, 152.254$ is the 20% darker color. If you saturate the color by 10%, you get $73, 12.536, 151.529$, and if you desaturate by 10%, it is $77, 7.985, 332.762$.

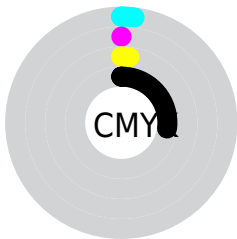
Distribution



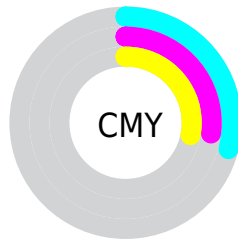
- Red (71%)
- Green (73%)
- Blue (72%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 2.202, 152.342 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, 2.202, 152.342 by changing the saturation by 10% instead.

■ 75, 2.202, 152.342

■ 75, 2.202, 152.342

■ 100, 2.202,
152.342

■ 65, 2.202, 152.342

■ 95, 2.202, 152.342

■ 55, 2.202, 152.342

■ 45, 2.202, 152.342

■ 35, 2.202, 152.342

■ 25, 2.202, 152.342

■ 15, 2.202, 152.342

■ 5, 2.202, 152.342

■ 0, 2.202, 152.342

■ 75, 2.202, 152.342

■ 75, 2.202, 152.342

73, 12.536,
151.529

77, 7.985, 332.762

72, 22.910,
150.722

79, 17.957,
333.313

70, 33.192,
149.799

81, 27.666,
333.788

69, 43.217,
148.735

83, 36.876,
333.798

68, 52.792,
147.512

84, 42.335,
327.027

67, 61.710,
146.118

84, 43.462,
325.930

67, 69.764,
144.554

66, 76.772,
142.848

66, 82.590,

Harmonies

Complementary

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



75, 2.202, 152.342



74, 2.220, 332.334

Rectangle

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



75, 2.202, 152.342



75, 2.202, 202.342



75, 2.202, 332.342



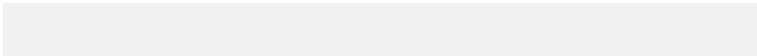
75, 2.202, 22.342

Sweetspot

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



75, 2.204, 152.335



95, 1.263, 152.565



75, 2.178, 119.149



51, 0.724, 152.584



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, 2.204, 152.335



95, 3.814, 152.236



75, 1.590, 178.409



39, 2.302, 152.174



56, 75.297, 139.992



8, 16.632, 149.933

Inverse Universe

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



74, 2.220, 332.334



94, 3.835, 332.431



74, 1.609, 358.220



38, 2.313, 332.492



35, 66.143, 341.130



3, 14.693, 336.560

Previews

White Background



This preview shows how the CIELCh color 75, 2.202, 152.342 looks on a white background.

Color Contrast Check

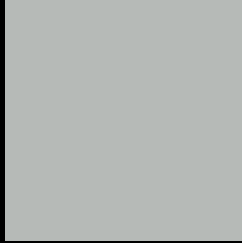
Large Text (above 18pt) WCAG AA × Fail

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, 2.202, 152.342 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

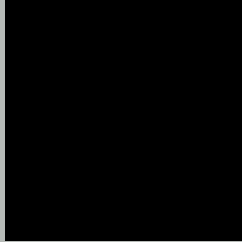
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

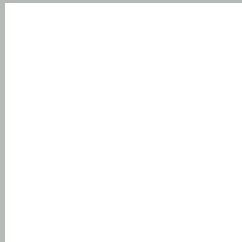
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 2.202, 152.342

Background



This preview shows how black text looks on a background with the CIELCh color 75, 2.202, 152.342.

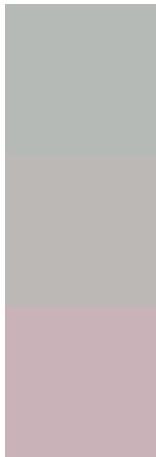


This preview shows how white text looks on a background with the CIELCh color 75, 2.202, 152.342.

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, 2.202, 152.342

Protanopia

75, 1.830, 55.193

Deuteranopia

75, 9.096, 2.966



Tritanopia
75, 8.124, 293.484

Trichromacy



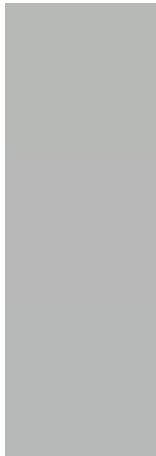
Original Color
75, 2.202, 152.342

Protanomaly
75, 1.646, 96.877

Deuteranomaly
75, 5.508, 2.740

Tritanomaly
75, 4.335, 285.785

Monochromacy



Original Color
75, 2.202, 152.342

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, 2.202, 152.342 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, 183)` looks like.

```
.text, #text, p{  
    color:rgb(182, 186, 183)  
}
```

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, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 186, 183) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 2.202, 152.342 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, 183) }
```

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

```
.border{ border-color:rgb(182, 186, 183) }
```

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, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 186, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 186, 183);  
box-shadow:4px 4px 4px 4px rgb(182, 186,  
183) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 2.202, 152.342 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, 183) }
```

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

```
.background{ background-color: rgb(182,  
186, 183) }
```

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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