

Converting Colors

CIELCh(75, 1.132, 230.045)

Have a look what the booklet for
CIELCh(75, 1.132, 230.045) contains.

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Color

CIELCh(75, 1.225, 225.921)

Conversions

Conversions Part 1

Format	Color
Hex	B6B9BA
RGB	182, 185, 186
RGB Percent	71%, 73%, 73%
CMY	0.2857, 0.2739, 0.2700
CMYK	0.02, 0.01, 0.00, 0.27
HSL	195°, 3%, 72%
HSV	195°, 2%, 73%
XYZ	45.5885, 48.2781, 53.4561
YIQ	184.2170, -2.1090, -0.3250

Conversions

Conversions Part 2

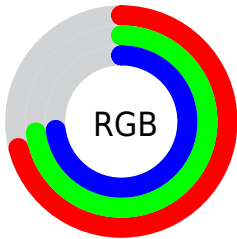
Format	Color
R_{YB}	182, 184, 186
Decimal	11975098
CIE Lab	75.00, -0.85, -0.88
CIE LCh	75, 1.225, 225.921
Yxy	48.2781, 0.3094, 0.3277
Android (android.graphics.Color)	4290165178 (0xFFB6B9BA)
YUV	184.2170, 0.8790, -1.9443
Hunter-Lab	69.4824, -4.4778, 3.0231

Details

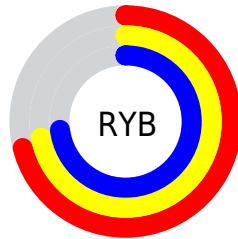
The CIELCh color $75, 1.225, 225.921$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $75, 1.235, 44.825$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $95, 1.168, 226.012$, and $55, 1.300, 225.852$ is the 20% darker color. If you saturate the color by 10%, you get $72, 6.764, 226.048$, and if you desaturate by 10%, it is $78, 4.545, 44.897$.

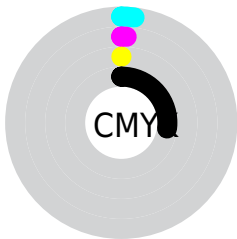
Distribution



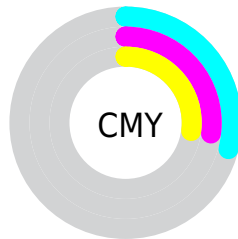
- Red (71%)
- Green (73%)
- Blue (73%)



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



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



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


Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 1.225, 225.921 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, 1.225, 225.921 by changing the saturation by 10% instead.

 75, 1.225, 225.921

 75, 1.225, 225.921

 100, 1.225,
225.921

 65, 1.225, 225.921

 95, 1.225, 225.921

 55, 1.225, 225.921

 45, 1.225, 225.921

 35, 1.225, 225.921

 25, 1.225, 225.921

 15, 1.225, 225.921

 5, 1.225, 225.921

 0, 1.225, 225.921

 75, 1.225, 225.921

 75, 1.225, 225.921

72, 6.764, 226.048

78, 4.545, 44.897

70, 12.006,
226.758

80, 10.490, 44.663

67, 16.878,
227.725

83, 16.564, 44.471

65, 21.303,
228.996

86, 22.133, 44.978

63, 25.207,
230.642

87, 21.703, 52.410

61, 28.532,
232.749

88, 21.658, 59.998

59, 31.247,
235.406

89, 21.999, 67.468

57, 33.374,
238.695

90, 22.706, 74.571

55, 34.998,
242.666

92, 23.743, 81.125

Harmonies

Complementary

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



75, 1.225, 225.921



75, 1.235, 44.825

Rectangle

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



75, 1.225, 225.921



75, 1.225, 275.921



75, 1.225, 45.921



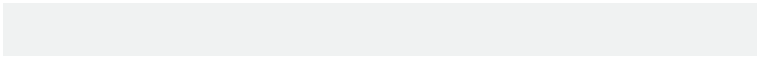
75, 1.225, 95.921

Sweetspot

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



75, 1.225, 225.826



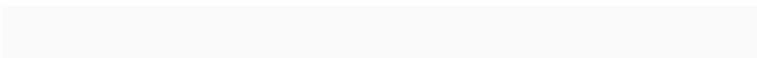
95, 0.710, 226.224



75, 2.228, 151.722



51, 0.407, 226.267



98, 0.011, 296.813



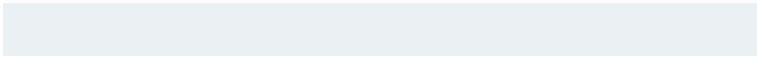
51, 0.007, 296.813

Same Dimension

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



75, 1.225, 225.826



95, 2.114, 225.750



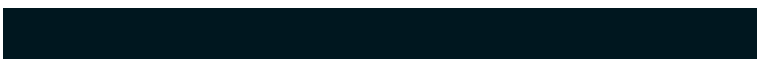
74, 1.635, 276.461



39, 1.302, 225.731



46, 31.878, 245.475



6, 9.487, 237.176

Inverse Universe

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



75, 2.219, 332.309



94, 3.836, 332.407



75, 1.616, 95.731



39, 2.367, 332.470



35, 66.951, 341.110



3, 16.823, 336.913

Previews

White Background



This preview shows how the CIE LCh color 75, 1.225, 225.921 looks on a white background.

Color Contrast Check

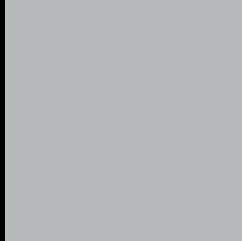
Large Text (above 18pt) WCAG AA × Fail

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, 1.225, 225.921 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

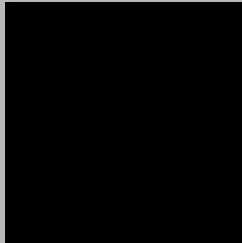
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

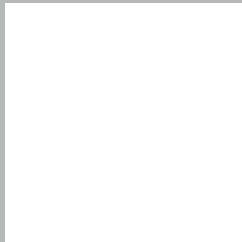
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 1.225, 225.921

Background



This preview shows how black text looks on a background with the CIELCh color 75, 1.225, 225.921.

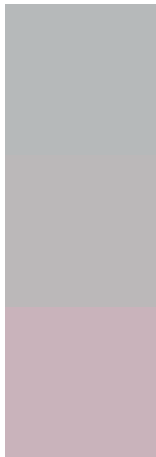


This preview shows how white text looks on a background with the CIELCh color 75, 1.225, 225.921.

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, 1.225, 225.921

Protanopia

75, 1.248, 353.481

Deuteranopia

75, 9.324, 352.678



Tritanopia
75, 8.124, 293.484

Trichromacy



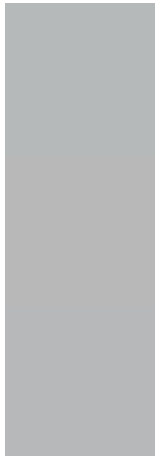
Original Color
75, 1.225, 225.921

Protanomaly
75, 0.666, 324.107

Deuteranomaly
75, 5.852, 346.275

Tritanomaly
75, 5.411, 286.860

Monochromacy



Original Color
75, 1.225, 225.921

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 0.656, 256.075

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 1.225, 225.921 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, 185, 186)` looks like.

```
.text, #text, p{  
    color:rgb(182, 185, 186)  
}
```

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, 185, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 185, 186) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 1.225, 225.921 is called "border". The border property can be set on classes, ids or directly on the HTML element.

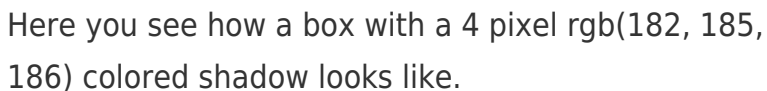
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(182, 185, 186) }
```

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

```
.border{ border-color:rgb(182, 185, 186) }
```

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



Here you see how a box with a 4 pixel `rgb(182, 185, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(182, 185, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(182, 185, 186); box-shadow:4px 4px 4px 4px rgb(182, 185, 186) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 1.225, 225.921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 185, 186) }
```

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

```
.background{ background-color: rgb(182,  
185, 186) }
```

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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