

Converting Colors

CIELCh(75, 6.849, 265.449)

Have a look what the booklet for
CIELCh(75, 6.849, 265.449) contains.

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Color

CIELCh(75, 7.030, 266.815)

Conversions

Conversions Part 1

Format	Color
Hex	B1B9C5
RGB	177, 185, 197
RGB Percent	69%, 73%, 77%
CMY	0.3045, 0.2731, 0.2261
CMYK	0.10, 0.06, 0.00, 0.23
HSL	216°, 15%, 73%
HSV	216°, 10%, 77%
XYZ	45.7499, 48.2781, 59.9421
YIQ	183.9760, -8.6200, 2.0360

Conversions

Conversions Part 2

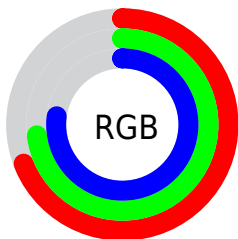
Format	Color
R_{YB}	177, 183, 197
Decimal	11647429
CIE Lab	75.00, -0.39, -7.02
CIE LCh	75, 7.030, 266.815
Yxy	48.2781, 0.2971, 0.3136
Android (android.graphics.Color)	4289837509 (0xFFB1B9C5)
YUV	183.9760, 6.4208, -6.1180
Hunter-Lab	69.4824, -4.0629, -2.5114

Details

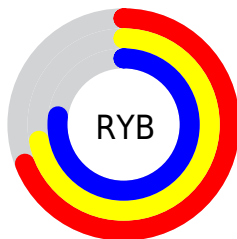
The CIELCh color $75, 7.030, 266.815$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $77, 7.092, 84.093$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $95, 7.173, 268.273$, and $55, 6.938, 265.264$ is the 20% darker color. If you saturate the color by 10%, you get $70, 14.002, 268.346$, and if you desaturate by 10%, it is $80, 0.103, 268.205$.

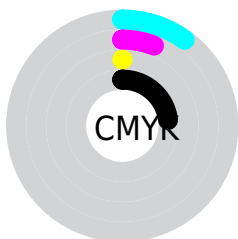
Distribution



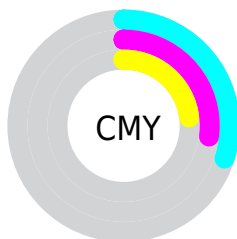
- Red (69%)
- Green (73%)
- Blue (77%)



- Red (69%)
- Yellow (72%)
- Blue (77%)



- Cyan (10%)
- Magenta (6%)
- Yellow (0%)
- Black (23%)



- Cyan (30%)
- Magenta (27%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 7.030, 266.815 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, 7.030, 266.815 by changing the saturation by 10% instead.

■ 75, 7.030, 266.815

■ 75, 7.030, 266.815

■ 100, 7.030,
266.815

■ 65, 7.030, 266.815

■ 95, 7.030, 266.815

■ 55, 7.030, 266.815

■ 45, 7.030, 266.815

■ 35, 7.030, 266.815

■ 25, 7.030, 266.815

■ 15, 7.030, 266.815

■ 5, 7.030, 266.815

■ 0, 7.030, 266.815

■ 75, 7.030, 266.815

■ 75, 7.030, 266.815

70, 14.002,
268.346

80, 0.103, 268.205

66, 21.015,
270.173

84, 6.766, 84.229

61, 28.065,
272.323

89, 13.570, 83.253

57, 35.163,
274.843

96, 24.326, 98.898

53, 42.331,
277.767

99, 29.055,
107.970

48, 49.611,
281.104

44, 57.054,
284.807

41, 64.692,
288.753

37, 72.392,

292.599

Harmonies

Complementary

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



75, 7.030, 266.815



77, 7.092, 84.093

Rectangle

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



75, 7.030, 266.815



75, 7.030, 316.815



75, 7.030, 86.815



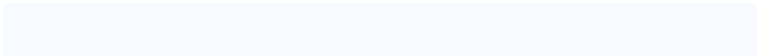
75, 7.030, 136.815

Sweetspot

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



75, 7.029, 266.803



98, 2.561, 265.928



78, 8.603, 167.554



52, 1.941, 266.005



0, 0.000, 0.000



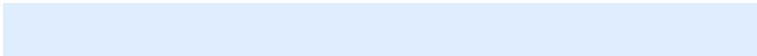
53, 0.007, 296.813

Same Dimension

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



75, 7.029, 266.803



93, 10.250, 267.096



73, 10.902, 294.356



40, 3.956, 266.698



31, 61.950, 292.017



4, 15.630, 277.468

Inverse Universe

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



74, 8.679, 350.278



92, 12.689, 350.485



79, 10.651, 112.613



39, 4.880, 350.202



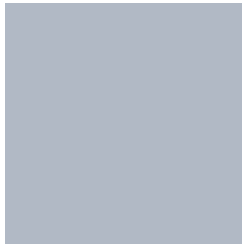
34, 60.676, 11.121



4, 17.047, 358.880

Previews

White Background



This preview shows how the CIE LCh color 75, 7.030, 266.815 looks on a white background.

Color Contrast Check

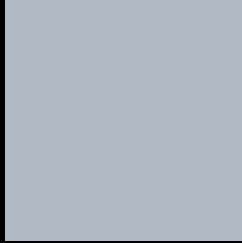
Large Text (above 18pt) WCAG AA × Fail

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, 7.030, 266.815 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

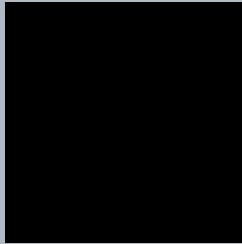
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

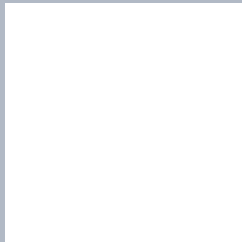
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 7.030, 266.815

Background



This preview shows how black text looks on a background with the CIELCh color 75, 7.030, 266.815.

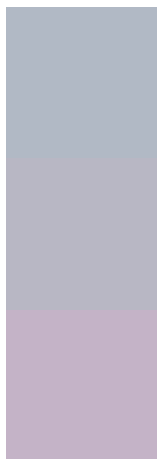


This preview shows how white text looks on a background with the CIELCh color 75, 7.030, 266.815.

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, 7.030, 266.815

Protanopia

75, 7.045, 293.786

Deuteranopia

75, 12.516, 320.728



Tritanopia
75, 8.423, 273.780

Trichromacy



Original Color
75, 7.030, 266.815

Protanomaly
75, 6.512, 284.447

Deuteranomaly
75, 9.682, 308.416

Tritanomaly
75, 7.911, 272.538

Monochromacy



Original Color
75, 7.030, 266.815

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 2.793, 275.264

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 7.030, 266.815 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(177, 185, 197)` looks like.

```
.text, #text, p{  
    color:rgb(177, 185, 197)  
}
```

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(177, 185, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 185, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 7.030, 266.815 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(177, 185, 197) }
```

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

```
.border{ border-color:rgb(177, 185, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 185, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 185, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 185, 197);  
box-shadow:4px 4px 4px 4px rgb(177, 185,  
197) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 7.030, 266.815 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 185, 197) }
```

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

```
.background{ background-color: rgb(177,  
185, 197) }
```

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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