

Converting Colors

CIELCh(75, 18.497, 288.566)

Have a look what the booklet for
CIELCh(75, 18.497, 288.566)
contains.

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Color

CIELCh(75, 18.930, 288.849)

Conversions

Conversions Part 1

Format	Color
Hex	B3B6D9
RGB	179, 182, 217
RGB Percent	70%, 71%, 85%
CMY	0.2965, 0.2847, 0.1474
CMYK	0.17, 0.16, 0.00, 0.15
HSL	235°, 34%, 78%
HSV	235°, 17%, 85%
XYZ	48.0669, 48.2781, 72.7075
YIQ	185.0930, -13.0230, 10.2490

Conversions

Conversions Part 2

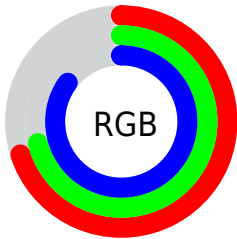
Format	Color
R_{YB}	179, 182, 217
Decimal	11777753
CIE _{Lab}	75.00, 6.12, -17.91
CIE _{LCh}	75, 18.930, 288.849
Yxy	48.2781, 0.2843, 0.2856
Android (android.graphics.Color)	4289967833 (0xFFB3B6D9)
YUV	185.0930, 15.7302, -5.3436
Hunter-Lab	69.4824, 1.8894, -13.4043

Details

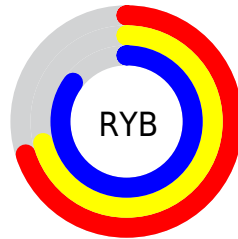
The CIELCh color **75, 18.930, 288.849** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **85, 18.309, 104.993**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 8.795, 284.166**, and **55, 18.996, 289.243** is the 20% darker color. If you saturate the color by 10%, you get **68, 30.328, 290.296**, and if you desaturate by 10%, it is **82, 7.959, 287.619**.

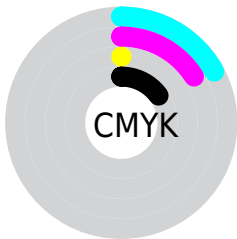
Distribution



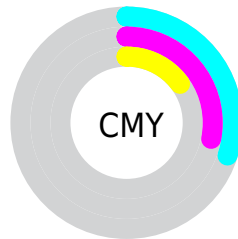
- Red (70%)
- Green (71%)
- Blue (85%)



- Red (70%)
- Yellow (71%)
- Blue (85%)



- Cyan (17%)
- Magenta (16%)
- Yellow (0%)
- Black (15%)



- Cyan (30%)
- Magenta (28%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 18.930, 288.849 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, 18.930, 288.849 by changing the saturation by 10% instead.

■ 75, 18.930,
288.849

■ 75, 18.930,
288.849

■ 100, 18.930,
288.849

■ 65, 18.930,
288.849

■ 95, 18.930,
288.849

■ 55, 18.930,
288.849

■ 45, 18.930,
288.849

■ 35, 18.930,
288.849

■ 25, 18.930,
288.849

■ 15, 18.930,
288.849

■ 5, 18.930, 288.849

0, 18.930, 288.849

75, 18.930,
288.849

75, 18.930,
288.849

68, 30.328,
290.296

82, 7.959, 287.619

89, 2.615, 106.514

61, 42.192,
291.997

95, 12.822,
105.646

55, 54.544,
293.970

99, 19.006,
108.740

48, 67.354,
296.211

42, 80.449,
298.658

36, 93.320,
301.154

■ 32, 104.883,
303.431

■ 29, 113.516,
305.155

■ 28, 115.079,
305.446

Harmonies

Complementary

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



75, 18.930, 288.849



85, 18.309, 104.993

Rectangle

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



75, 18.930, 288.849



75, 18.930, 338.849



75, 18.930, 108.849



75, 18.930, 158.849

Sweetspot

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



75, 18.928, 288.847



96, 6.029, 287.353



84, 13.304, 191.255



51, 4.117, 287.429



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, 18.928, 288.847



84, 26.057, 289.357



75, 21.354, 307.006



42, 6.100, 287.842



21, 96.494, 305.239



2, 27.980, 293.193

Inverse Universe

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



76, 14.636, 14.357



86, 20.257, 14.764



85, 20.760, 125.254



43, 4.656, 13.554



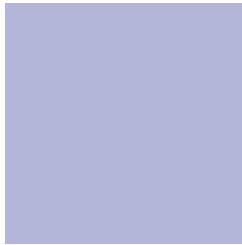
36, 74.995, 36.664



5, 23.743, 16.863

Previews

White Background



This preview shows how the CIELCh color 75, 18.930, 288.849 looks on a white background.

Color Contrast Check

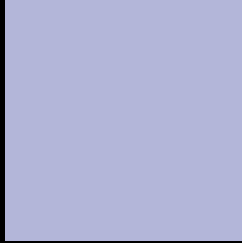
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 75, 18.930, 288.849 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

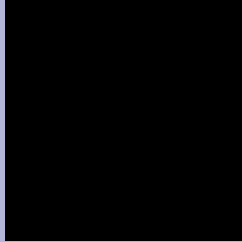
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 18.930, 288.849

Background



This preview shows how black text looks on a background with the CIELCh color 75, 18.930, 288.849.



This preview shows how white text looks on a background with the CIELCh color 75, 18.930, 288.849.

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, 18.930, 288.849

Protanopia

75, 18.946, 286.796

Deuteranopia

75, 20.707, 297.798



Tritanopia
75, 8.641, 269.298

Trichromacy



Original Color
75, 18.930, 288.849

Protanomaly
75, 18.926, 287.815

Deuteranomaly
75, 20.059, 294.977

Tritanomaly
75, 12.082, 279.613

Monochromacy



Original Color
75, 18.930, 288.849

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 7.027, 287.912

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 18.930, 288.849 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(179, 182, 217)` looks like.

```
.text, #text, p{  
    color:rgb(179, 182, 217)  
}
```

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(179, 182, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 182, 217) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 18.930, 288.849 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(179, 182, 217) }
```

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

```
.border{ border-color:rgb(179, 182, 217) }
```

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

Here you see how a box with a 4 pixel rgb(179, 182, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 182, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 182, 217);  
box-shadow:4px 4px 4px 4px rgb(179, 182,  
217) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 18.930, 288.849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 182, 217) }
```

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

```
.background{ background-color: rgb(179,  
182, 217) }
```

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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