

Converting Colors

CIELCh(75, 18.938, 291.940)

Have a look what the booklet for
CIELCh(75, 18.938, 291.940)
contains.

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Color

CIELCh(75, 18.920, 291.942)

Conversions

Conversions Part 1

Format	Color
Hex	B6B6D9
RGB	182, 182, 217
RGB Percent	71%, 71%, 85%
CMY	0.2872, 0.2871, 0.1499
CMYK	0.16, 0.16, 0.00, 0.15
HSL	240°, 31%, 78%
HSV	240°, 16%, 85%
XYZ	48.4131, 48.2781, 72.2526
YIQ	185.9900, -11.2350, 10.8850

Conversions

Conversions Part 2

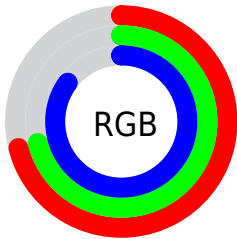
Format	Color
R_{YB}	182, 182, 217
Decimal	11974361
CIE Lab	75.00, 7.07, -17.55
CIE LCh	75, 18.920, 291.942
Yxy	48.2781, 0.2866, 0.2858
Android (android.graphics.Color)	4290164441 (0xFFB6B6D9)
YUV	185.9900, 15.2879, -3.4992
Hunter-Lab	69.4824, 2.7787, -13.0161

Details

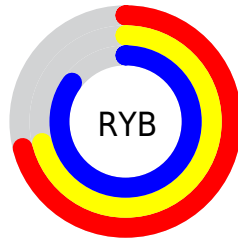
The CIELCh color $75, 18.920, 291.942$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $86, 18.233, 108.613$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $95, 8.752, 290.864$, and $55, 18.985, 292.433$ is the 20% darker color. If you saturate the color by 10%, you get $68, 31.283, 293.291$, and if you desaturate by 10%, it is $82, 7.060, 290.799$.

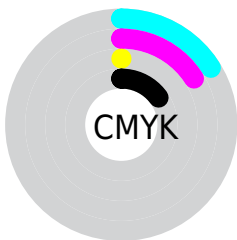
Distribution



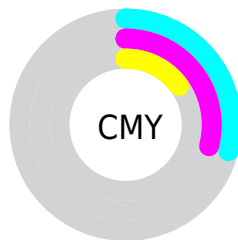
- Red (71%)
- Green (71%)
- Blue (85%)



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



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



- Cyan (29%)
- Magenta (29%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 18.920, 291.942 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, 18.920, 291.942 by changing the saturation by 10% instead.

■ 75, 18.920,
291.942

■ 75, 18.920,
291.942

■ 100, 18.920,
291.942

■ 65, 18.920,
291.942

■ 95, 18.920,
291.942

■ 55, 18.920,
291.942

■ 45, 18.920,
291.942

■ 35, 18.920,
291.942

■ 25, 18.920,
291.942

■ 15, 18.920,
291.942

■ 5, 18.920, 291.942

0, 18.920, 291.942

75, 18.920,
291.942

75, 18.920,
291.942

68, 31.283,
293.291

82, 7.060, 290.799

89, 4.330, 109.802

61, 44.186,
294.879

96, 15.289,
108.989

53, 57.633,
296.717

99, 19.328,
108.715

46, 71.534,
298.788

40, 85.558,
301.001

34, 98.862,
303.156

■ 30,109.847,
304.932

■ 27,116.570,
306.003

■ 27,118.368,
306.286

Harmonies

Complementary

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



75, 18.920, 291.942



86, 18.233, 108.613

Rectangle

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



75, 18.920, 291.942



75, 18.920, 341.942



75, 18.920, 111.942



75, 18.920, 161.942

Sweetspot

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



75, 18.918, 291.940



96, 6.544, 290.687



84, 12.113, 197.129



51, 4.470, 290.759



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, 18.918, 291.940



84, 25.562, 292.326



76, 19.857, 309.238



42, 6.627, 291.153



20, 100.211, 306.286



2, 29.600, 294.914

Inverse Universe

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



77, 13.418, 20.476



87, 18.234, 20.749



85, 19.408, 127.752



43, 4.639, 19.924



36, 78.231, 39.924



5, 23.840, 20.264

Previews

White Background



This preview shows how the CIELCh color 75, 18.920, 291.942 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, 18.920, 291.942 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

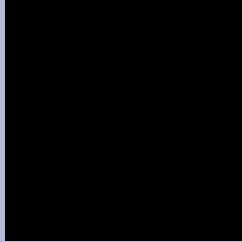
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 18.920, 291.942

Background



This preview shows how black text looks on a background with the CIELCh color 75, 18.920, 291.942.



This preview shows how white text looks on a background with the CIELCh color 75, 18.920, 291.942.

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, 18.920, 291.942

Protanopia

75, 18.946, 286.796

Deuteranopia

75, 20.211, 298.892



Tritanopia
75, 7.815, 275.014

Trichromacy



Original Color
75, 18.920, 291.942

Protanomaly
75, 18.926, 287.815

Deuteranomaly
75, 19.546, 296.024

Tritanomaly
75, 11.401, 284.156

Monochromacy



Original Color
75, 18.920, 291.942

Achromatopsia
76, 0.009, 296.813

Achromatomaly
75, 7.023, 290.846

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 18.920, 291.942 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, 182, 217)` looks like.

```
.text, #text, p{  
    color:rgb(182, 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(182, 182, 217) colored shadow looks like.

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

Border

The CSS property to change the border of an element to CIELCh 75, 18.920, 291.942 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, 182, 217) }
```

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

```
.border{ border-color:rgb(182, 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(182, 182, 217) colored shadow looks like.

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

Background

The CSS property to change the background color of an element to CIELCh 75, 18.920, 291.942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

```
.background{ background-color: rgb(182,  
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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