

Converting Colors

CIELCh(75, 23.575, 298.940)

Have a look what the booklet for
CIELCh(75, 23.575, 298.940)
contains.

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Color

CIELCh(75, 24.024, 298.870)

Conversions

Conversions Part 1

Format	Color
Hex	BBB3DF
RGB	187, 179, 223
RGB Percent	73%, 70%, 87%
CMY	0.2657, 0.2970, 0.1245
CMYK	0.16, 0.20, 0.00, 0.12
HSL	251°, 41%, 79%
HSV	251°, 20%, 88%
XYZ	50.0794, 48.2781, 76.6748
YIQ	186.4080, -9.3560, 15.3800

Conversions

Conversions Part 2

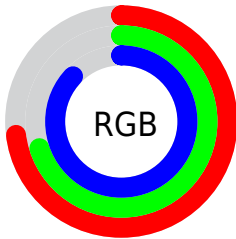
Format	Color
R_{YB}	187, 179, 223
Decimal	12301279
CIE _{Lab}	75.00, 11.60, -21.04
CIE _{LCh}	75, 24.024, 298.870
Yxy	48.2781, 0.2861, 0.2758
Android (android.graphics.Color)	4290491359 (0xFFBBB3DF)
YUV	186.4080, 18.0399, 0.5192
Hunter-Lab	69.4824, 7.0593, -16.7896

Details

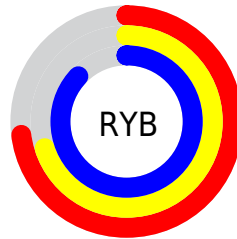
The CIELCh color $75, 24.024, 298.870$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $87, 23.012, 115.899$, and the grayscale version is $76, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 10.711, 305.889$, and $55, 24.378, 298.802$ is the 20% darker color. If you saturate the color by 10%, you get $68, 36.921, 299.856$, and if you desaturate by 10%, it is $82, 11.611, 298.011$.

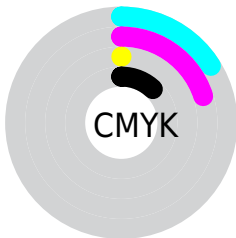
Distribution



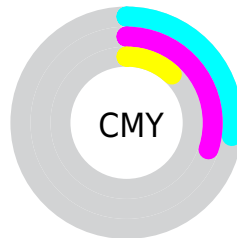
- Red (73%)
- Green (70%)
- Blue (87%)



- Red (73%)
- Yellow (70%)
- Blue (87%)



- Cyan (16%)
- Magenta (20%)
- Yellow (0%)
- Black (12%)





- Cyan (27%)
- Magenta (30%)
- Yellow (12%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 24.024, 298.870 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, 24.024, 298.870 by changing the saturation by 10% instead.


 75, 24.024,
298.870


 75, 24.024,
298.870


 100, 24.024,
298.870


 65, 24.024,
298.870


 95, 24.024,
298.870

 55, 24.024,
298.870

 45, 24.024,
298.870

 35, 24.024,
298.870

 25, 24.024,
298.870

 15, 24.024,
298.870

 5, 24.024, 298.870

0, 24.024, 298.870

75, 24.024,
298.870

75, 24.024,
298.870

68, 36.921,
299.856

82, 11.611,
298.011

61, 50.296,
300.977

89, 0.327, 117.287

54, 64.072,
302.224

96, 11.819,
116.636

47, 78.033,
303.555

99, 16.055,
108.964

41, 91.682,
304.881

36, 104.054,
306.036

■ 32,113.656,
306.789

■ 29,119.458,
307.028

■ 29,119.604,
307.036

Harmonies

Complementary

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



75, 24.024, 298.870



87, 23.012, 115.899

Rectangle

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



75, 24.024, 298.870



75, 24.024, 348.870



75, 24.024, 118.870



75, 24.024, 168.870

Sweetspot

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



75, 24.022, 298.869



95, 7.938, 297.727



84, 12.927, 216.112



50, 5.271, 297.777



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, 24.022, 298.869



81, 32.863, 299.293



77, 25.911, 315.502



43, 6.814, 297.990



22, 99.965, 307.134



2, 31.967, 300.213

Inverse Universe

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



78, 24.974, 331.118



85, 33.891, 331.410



86, 25.478, 133.791



44, 7.189, 330.453



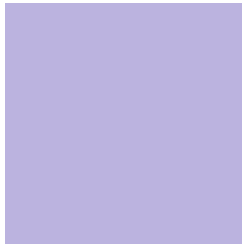
40, 75.982, 337.032



7, 31.767, 335.343

Previews

White Background



This preview shows how the CIELCh color 75, 24.024, 298.870 looks on a white background.

Color Contrast Check

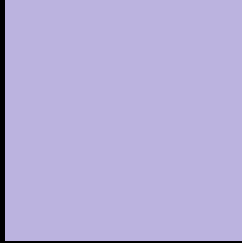
Large Text (above 18pt) WCAG AA × Fail

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, 24.024, 298.870 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

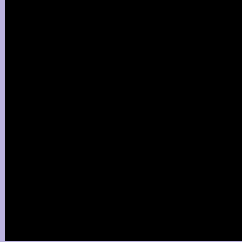
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 24.024, 298.870

Background



This preview shows how black text looks on a background with the CIELCh color 75, 24.024, 298.870.



This preview shows how white text looks on a background with the CIELCh color 75, 24.024, 298.870.

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, 24.024, 298.870

Protanopia

75, 23.307, 285.797

Deuteranopia

75, 22.735, 293.987



Tritanopia
75, 7.566, 288.177

Trichromacy



Original Color
75, 24.024, 298.870

Protanomaly
75, 23.236, 289.860

Deuteranomaly
75, 23.360, 296.490

Tritanomaly
75, 13.579, 295.910

Monochromacy



Original Color
75, 24.024, 298.870

Achromatopsia
76, 0.009, 296.813

Achromatomaly
75, 8.723, 298.086

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 24.024, 298.870 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(187, 179, 223)` looks like.

```
.text, #text, p{  
    color:rgb(187, 179, 223)  
}
```

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(187, 179, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 179, 223) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 24.024, 298.870 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(187, 179, 223) }
```

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

```
.border{ border-color:rgb(187, 179, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 179, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 179, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 179, 223);  
box-shadow:4px 4px 4px 4px rgb(187, 179,  
223) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 24.024, 298.870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 179, 223) }
```

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

```
.background{ background-color: rgb(187,  
179, 223) }
```

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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