

Converting Colors

CIELCh(75, 24.259, 317.193)

Have a look what the booklet for
CIELCh(75, 24.259, 317.193)
contains.

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Color

CIELCh(75, 24.025, 317.307)

Conversions

Conversions Part 1

Format	Color
Hex	CCAFD7
RGB	204, 175, 215
RGB Percent	80%, 69%, 84%
CMY	0.2009, 0.3145, 0.1577
CMYK	0.05, 0.19, 0.00, 0.16
HSL	283°, 33%, 76%
HSV	283°, 19%, 84%
XYZ	52.3674, 48.2781, 70.6997
YIQ	188.2310, 4.4440, 18.5880

Conversions

Conversions Part 2

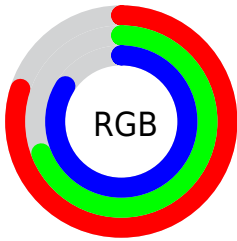
Format	Color
RYB	204, 175, 215
Decimal	13414359
CIELab	75.00, 17.66, -16.29
CIElCh	75, 24.025, 317.307
Yxy	48.2781, 0.3056, 0.2818
Android (android.graphics.Color)	4291604439 (0xFFCCAFD7)
YUV	188.2310, 13.1971, 13.8294
Hunter-Lab	69.4824, 12.9373, -11.6909

Details

The CIELCh color **75, 24.025, 317.307** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **83, 23.718, 135.670**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 14.992, 324.942**, and **55, 24.265, 317.884** is the 20% darker color. If you saturate the color by 10%, you get **69, 37.174, 317.746**, and if you desaturate by 10%, it is **81, 11.017, 316.863**.

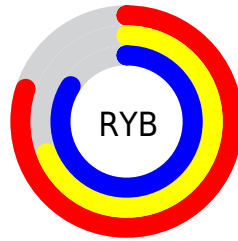
Distribution



Red (80%)

Green (69%)

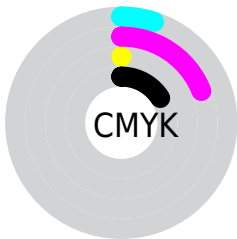
Blue (84%)



Red (80%)

Yellow (69%)

Blue (84%)

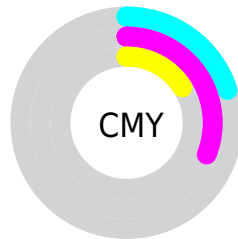


Cyan (5%)

Magenta (19%)

Yellow (0%)

Black (16%)



Cyan (20%)


Magenta (31%)


Yellow (16%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 24.025, 317.307 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, 24.025, 317.307 by changing the saturation by 10% instead.


 75, 24.025,
317.307


 75, 24.025,
317.307


 100, 24.025,
317.307


 65, 24.025,
317.307


 95, 24.025,
317.307

 55, 24.025,
317.307

 45, 24.025,
317.307

 35, 24.025,
317.307

 25, 24.025,
317.307

 15, 24.025,
317.307

 5, 24.025, 317.307

0, 24.025, 317.307

75, 24.025,
317.307

75, 24.025,
317.307

69, 37.174,
317.746

81, 11.017,
316.863

64, 50.287,
318.169

87, 1.734, 136.578

59, 63.075,
318.547

93, 14.167,
136.084

54, 75.118,
318.844

97, 22.818,
134.592

49, 85.857,
319.009

98, 21.929,
129.728

46, 94.633,
318.982

98, 21.211,
124.423

43, 100.843,
318.705

98, 20.692,
118.733

41, 104.364,
318.157

99, 20.394,
112.751

41, 104.774,
318.076

99, 20.327,
108.639

Harmonies

Complementary

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



75, 24.025, 317.307



83, 23.718, 135.670

Rectangle

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



75, 24.025, 317.307



75, 24.025, 7.307



75, 24.025, 137.307



75, 24.025, 187.307

Sweetspot

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



75, 24.023, 317.307



96, 8.793, 316.747



76, 15.832, 277.473



51, 5.836, 316.777



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, 24.023, 317.307



85, 32.719, 317.465



76, 22.300, 332.299



42, 7.244, 316.899



32, 88.278, 318.216



4, 30.868, 317.744

Inverse Universe

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



75, 16.255, 359.585



85, 22.232, 0.023



82, 22.203, 149.818



42, 4.849, 358.550



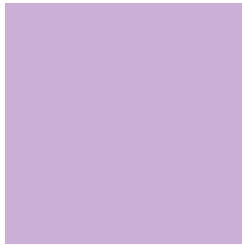
36, 65.640, 22.968



5, 22.205, 7.473

Previews

White Background



This preview shows how the CIELCh color 75, 24.025, 317.307 looks on a white background.

Color Contrast Check

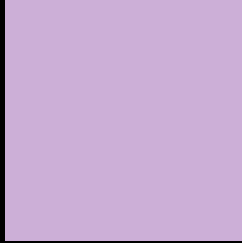
Large Text (above 18pt) WCAG AA × Fail

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, 24.025, 317.307 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, 24.025, 317.307

Background



This preview shows how black text looks on a background with the CIELCh color 75, 24.025, 317.307.



This preview shows how white text looks on a background with the CIELCh color 75, 24.025, 317.307.

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, 24.025, 317.307

Protanopia

75, 20.043, 286.239

Deuteranopia

75, 18.715, 301.519



Tritanopia
75, 10.876, 336.374

Trichromacy



Original Color
75, 24.025, 317.307

Protanomaly
75, 20.747, 298.746

Deuteranomaly
75, 20.357, 307.932

Tritanomaly
75, 15.699, 325.077

Monochromacy



Original Color
75, 24.025, 317.307

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 9.075, 317.076

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 24.025, 317.307 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(204, 175, 215)` looks like.

```
.text, #text, p{  
    color:rgb(204, 175, 215)  
}
```

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(204, 175, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 175, 215) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 24.025, 317.307 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(204, 175, 215) }
```

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

```
.border{ border-color:rgb(204, 175, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 175, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 175, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 175, 215);  
box-shadow:4px 4px 4px 4px rgb(204, 175,  
215) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 24.025, 317.307 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 175, 215) }
```

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

```
.background{ background-color: rgb(204,  
175, 215) }
```

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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