

Converting Colors

CIELCh(75, 32.119, 307.565)

Have a look what the booklet for
CIELCh(75, 32.119, 307.565)
contains.

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Color

CIELCh(75, 32.547, 307.357)

Conversions

Conversions Part 1

Format	Color
Hex	C6AEE8
RGB	198, 174, 232
RGB Percent	78%, 68%, 91%
CMY	0.2223, 0.3165, 0.0890
CMYK	0.15, 0.25, 0.00, 0.09
HSL	265°, 56%, 80%
HSV	265°, 25%, 91%
XYZ	53.1728, 48.2781, 83.0931
YIQ	187.7880, -4.3140, 23.1260

Conversions

Conversions Part 2

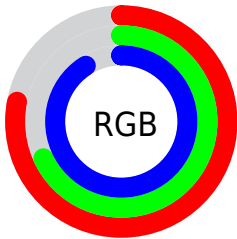
Format	Color
R_{YB}	198, 174, 232
Decimal	13020904
CIE _{Lab}	75.00, 19.75, -25.87
CIE _{LCh}	75, 32.547, 307.357
Yxy	48.2781, 0.2881, 0.2616
Android (android.graphics.Color)	4291210984 (0xFFC6AEE8)
YUV	187.7880, 21.7965, 8.9559
Hunter-Lab	69.4824, 15.0062, -22.2664

Details

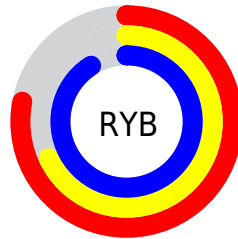
The CIELCh color $75, 32.547, 307.357$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $89, 31.226, 124.758$, and the grayscale version is $76, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 15.620, 324.964$, and $55, 32.786, 307.860$ is the 20% darker color. If you saturate the color by 10%, you get $68, 46.220, 307.993$, and if you desaturate by 10%, it is $82, 19.215, 306.768$.

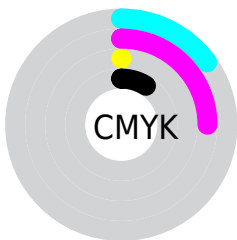
Distribution



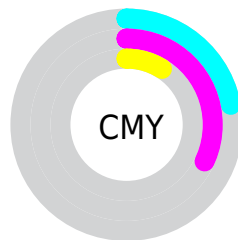
- Red (78%)
- Green (68%)
- Blue (91%)



- Red (78%)
- Yellow (68%)
- Blue (91%)



- Cyan (15%)
- Magenta (25%)
- Yellow (0%)
- Black (9%)





- Cyan (22%)
- Magenta (32%)
- Yellow (9%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 32.547, 307.357 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, 32.547, 307.357 by changing the saturation by 10% instead.


 75, 32.547,
307.357


 75, 32.547,
307.357


 100, 32.547,
307.357


 65, 32.547,
307.357


 95, 32.547,
307.357

 55, 32.547,
307.357

 45, 32.547,
307.357

 35, 32.547,
307.357

 25, 32.547,
307.357

 15, 32.547,
307.357

 5, 32.547, 307.357

0, 32.547, 307.357

75, 32.547,
307.357

75, 32.547,
307.357

68, 46.220,
307.993

82, 19.215,
306.768

62, 60.114,
308.661

89, 6.285, 306.229

55, 73.984,
309.326

96, 6.229, 125.790

99, 11.520,
113.296

49, 87.387,
309.926

99, 11.483,
109.309

44, 99.596,
310.364

39, 109.591,
310.510

■ 36,116.300,
310.221

■ 35,118.639,
309.961

Harmonies

Complementary

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



75, 32.547, 307.357



89, 31.226, 124.758

Rectangle

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



75, 32.547, 307.357



75, 32.547, 357.357



75, 32.547, 127.357



75, 32.547, 177.357

Sweetspot

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



75, 32.545, 307.356



95, 9.571, 306.338



82, 16.526, 247.204



50, 6.224, 306.370



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, 32.545, 307.356



78, 42.483, 307.681



78, 36.029, 322.925



45, 7.286, 306.467



26, 98.248, 310.134



4, 37.229, 308.749

Inverse Universe

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



77, 27.880, 341.330



81, 36.158, 341.824



87, 35.836, 140.257



46, 6.323, 339.974



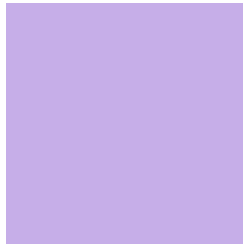
39, 67.197, 354.046



8, 29.620, 348.963

Previews

White Background



This preview shows how the CIELCh color 75, 32.547, 307.357 looks on a white background.

Color Contrast Check

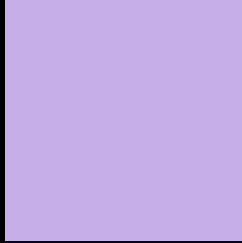
Large Text (above 18pt) WCAG AA × Fail

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, 32.547, 307.357 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

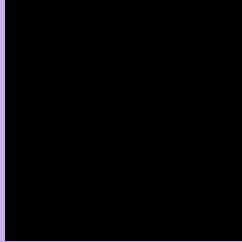
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 32.547, 307.357

Background



This preview shows how black text looks on a background with the CIELCh color 75, 32.547, 307.357.



This preview shows how white text looks on a background with the CIELCh color 75, 32.547, 307.357.

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, 32.547, 307.357

Protanopia
75, 29.854, 284.929

Deuteranopia
75, 27.021, 291.280



Tritanopia
75, 8.614, 318.670

Trichromacy



Original Color
75, 32.547, 307.357

Protanomaly
75, 30.278, 292.965

Deuteranomaly
75, 28.275, 297.482

Tritanomaly
75, 17.152, 309.717

Monochromacy



Original Color
75, 32.547, 307.357

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 11.831, 307.028

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 32.547, 307.357 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(198, 174, 232)` looks like.

```
.text, #text, p{  
    color:rgb(198, 174, 232)  
}
```

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(198, 174, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 174, 232) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 32.547, 307.357 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(198, 174, 232) }
```

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

```
.border{ border-color:rgb(198, 174, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 174, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 174, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 174, 232);  
box-shadow:4px 4px 4px 4px rgb(198, 174,  
232) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 32.547, 307.357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 174, 232) }
```

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

```
.background{ background-color: rgb(198,  
174, 232) }
```

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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