

Converting Colors

CIELCh(75, 32.719, 316.076)

Have a look what the booklet for
CIELCh(75, 32.719, 316.076)
contains.

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Color

CIELCh(75, 33.098, 316.105)

Conversions

Conversions Part 1

Format	Color
Hex	D1ABE3
RGB	209, 171, 227
RGB Percent	82%, 67%, 89%
CMY	0.1800, 0.3291, 0.1094
CMYK	0.08, 0.25, 0.00, 0.11
HSL	281°, 50%, 78%
HSV	281°, 25%, 89%
XYZ	54.7769, 48.2781, 79.1704
YIQ	188.7460, 4.6720, 25.4720

Conversions

Conversions Part 2

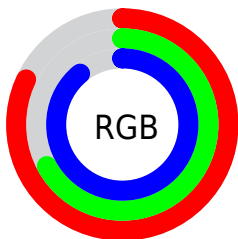
Format	Color
R _Y B	209, 171, 227
Decimal	13741027
CIE Lab	75.00, 23.85, -22.95
CIE LCh	75, 33.098, 316.105
Yxy	48.2781, 0.3006, 0.2649
Android (android.graphics.Color)	4291931107 (0xFFD1ABE3)
YUV	188.7460, 18.8592, 17.7628
Hunter-Lab	69.4824, 19.1271, -18.9191

Details

The CIELCh color **75, 33.098, 316.105** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **86, 32.436, 133.915**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 17.506, 325.031**, and **55, 33.158, 316.381** is the 20% darker color. If you saturate the color by 10%, you get **69, 46.789, 316.544**, and if you desaturate by 10%, it is **81, 19.496, 315.660**.

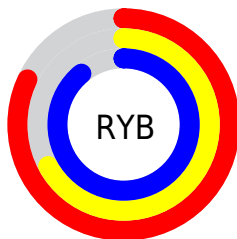
Distribution



Red (82%)

Green (67%)

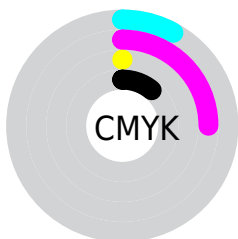
Blue (89%)



Red (82%)

Yellow (67%)

Blue (89%)

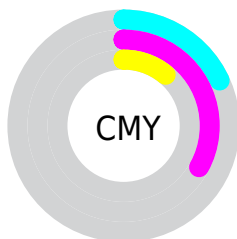


Cyan (8%)

Magenta (25%)

Yellow (0%)

Black (11%)



Cyan (18%)


Magenta (33%)


Yellow (11%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 33.098, 316.105 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, 33.098, 316.105 by changing the saturation by 10% instead.


 75, 33.098,
316.105


 75, 33.098,
316.105


 100, 33.098,
316.105


 65, 33.098,
316.105


 95, 33.098,
316.105

 55, 33.098,
316.105

 45, 33.098,
316.105

 35, 33.098,
316.105

 25, 33.098,
316.105

 15, 33.098,
316.105

 5, 33.098, 316.105

0, 33.098, 316.105

75, 33.098,
316.105

75, 33.098,
316.105

69, 46.789,
316.544

81, 19.496,
315.660

63, 60.343,
316.957

87, 6.133, 315.213

58, 73.393,
317.306

94, 6.915, 134.868

53, 85.417,
317.543

98, 15.435,
131.984

49, 95.739,
317.605

99, 14.571,
122.603

45, 103.627,
317.420

99, 14.151,
112.218

99, 14.122,

■ 43,108.542,
316.923

109.110

■ 42,110.237,
316.564

Harmonies

Complementary

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



75, 33.098, 316.105



86, 32.436, 133.915

Rectangle

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



75, 33.098, 316.105



75, 33.098, 6.105



75, 33.098, 136.105



75, 33.098, 186.105

Sweetspot

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



75, 33.096, 316.105



95, 10.144, 315.323



77, 20.803, 274.793



50, 6.596, 315.350



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, 33.096, 316.105



80, 44.397, 316.350



76, 32.033, 330.911



45, 7.576, 315.431



32, 91.984, 316.720



5, 36.641, 317.374

Inverse Universe

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



76, 23.222, 357.081



81, 31.269, 357.818



85, 31.934, 147.624



45, 5.253, 355.331



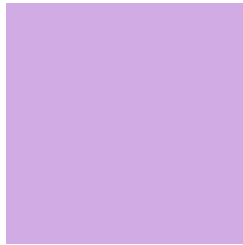
38, 66.404, 18.996



7, 26.685, 7.278

Previews

White Background



This preview shows how the CIELCh color 75, 33.098, 316.105 looks on a white background.

Color Contrast Check

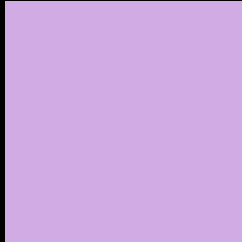
Large Text (above 18pt) WCAG AA × Fail

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, 33.098, 316.105 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, 33.098, 316.105

Background



This preview shows how black text looks on a background with the CIELCh color 75, 33.098, 316.105.



This preview shows how white text looks on a background with the CIELCh color 75, 33.098, 316.105.

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, 33.098, 316.105

Protanopia

75, 28.194, 285.538

Deuteranopia

75, 23.812, 293.998



Tritanopia
75, 12.293, 342.642

Trichromacy



Original Color
75, 33.098, 316.105

Protanomaly
75, 28.784, 296.771

Deuteranomaly
75, 27.103, 303.419

Tritanomaly
75, 19.775, 326.134

Monochromacy



Original Color
75, 33.098, 316.105

Achromatopsia
77, 0.009, 296.813

Achromatomaly
76, 12.465, 315.084

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 33.098, 316.105 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(209, 171, 227)` looks like.

```
.text, #text, p{  
    color:rgb(209, 171, 227)  
}
```

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(209, 171, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 171, 227) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 33.098, 316.105 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(209, 171, 227) }
```

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

```
.border{ border-color:rgb(209, 171, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 171, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(209, 171, 227); -webkit-box-shadow:4px 4px 4px 4px rgb(209, 171, 227); box-shadow:4px 4px 4px 4px rgb(209, 171, 227) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 33.098, 316.105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 171, 227) }
```

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

```
.background{ background-color: rgb(209,  
171, 227) }
```

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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