

Converting Colors

CIELCh(75, 23.018, 336.667)

Have a look what the booklet for
CIELCh(75, 23.018, 336.667)
contains.

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Color

CIELCh(75, 22.842, 336.481)

Conversions

Conversions Part 1

Format	Color
Hex	D8ACCA
RGB	216, 172, 202
RGB Percent	85%, 67%, 79%
CMY	0.1536, 0.3261, 0.2085
CMYK	0.00, 0.20, 0.06, 0.15
HSL	319°, 36%, 76%
HSV	319°, 20%, 85%
XYZ	53.6370, 48.2781, 62.2711
YIQ	188.5760, 16.5940, 18.6580

Conversions

Conversions Part 2

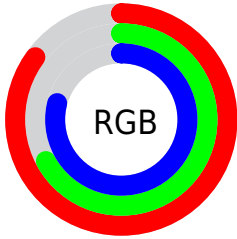
Format	Color
R _Y B	216, 172, 202
Decimal	14200010
CIE Lab	75.00, 20.94, -9.12
CIE LCh	75, 22.842, 336.481
Yxy	48.2781, 0.3267, 0.2940
Android (android.graphics.Color)	4292390090 (0xFFD8ACCA)
YUV	188.5760, 6.6180, 24.0508
Hunter-Lab	69.4824, 16.1989, -4.4988

Details

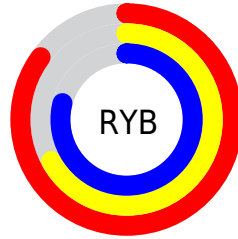
The CIELCh color $75, 22.842, 336.481$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $83, 22.627, 153.478$, and the grayscale version is $76, 0.009, 296.813$.

A 20% lighter version of the original color is $93, 16.877, 325.009$, and $55, 23.198, 336.514$ is the 20% darker color. If you saturate the color by 10%, you get $70, 34.086, 337.284$, and if you desaturate by 10%, it is $80, 11.562, 335.723$.

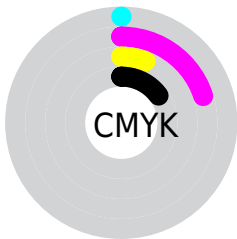
Distribution



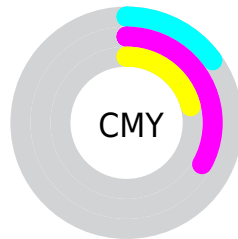
- Red (85%)
- Green (67%)
- Blue (79%)



- Red (85%)
- Yellow (67%)
- Blue (79%)



- Cyan (0%)
- Magenta (20%)
- Yellow (6%)
- Black (15%)





- Cyan (15%)
- Magenta (33%)
- Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 22.842, 336.481 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, 22.842, 336.481 by changing the saturation by 10% instead.

 75, 22.842,
336.481

 75, 22.842,
336.481


 100, 22.842,
336.481


 65, 22.842,
336.481


 95, 22.842,
336.481

 55, 22.842,
336.481

 45, 22.842,
336.481

 35, 22.842,
336.481

 25, 22.842,
336.481

 15, 22.842,
336.481

 5, 22.842, 336.481

0, 22.842, 336.481

75, 22.842,
336.481

75, 22.842,
336.481

70, 34.086,
337.284

80, 11.562,
335.723

65, 45.036,
338.149

86, 0.427, 334.206

60, 55.316,
339.095

92, 10.461,
154.440

56, 64.441,
340.151

97, 19.129,
154.969

53, 71.860,
341.361

97, 16.775,
163.388

50, 77.063,
342.789

97, 14.858,
174.186

■ 49, 79.754,
344.517

■ 97, 13.573,
187.522

■ 48, 80.318,
346.498

■ 97, 13.143,
198.628

Harmonies

Complementary

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



75, 22.842, 336.481



83, 22.627, 153.478

Rectangle

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



75, 22.842, 336.481



75, 22.842, 26.481



75, 22.842, 156.481



75, 22.842, 206.481

Sweetspot

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



75, 22.839, 336.482



96, 7.625, 335.394



73, 24.515, 303.690



51, 5.060, 335.446



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, 22.839, 336.482



85, 30.827, 336.784



74, 17.398, 6.573



42, 6.278, 335.651



38, 67.682, 346.110



6, 26.134, 342.152

Inverse Universe

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



75, 22.839, 336.482



85, 30.827, 336.784



83, 15.954, 182.735



42, 6.278, 335.651



38, 67.682, 346.110



6, 26.134, 342.152

Previews

White Background



This preview shows how the CIELCh color 75, 22.842, 336.481 looks on a white background.

Color Contrast Check

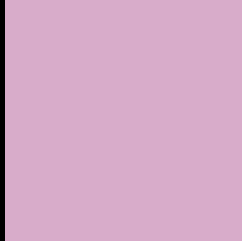
Large Text (above 18pt) WCAG AA × Fail

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, 22.842, 336.481 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

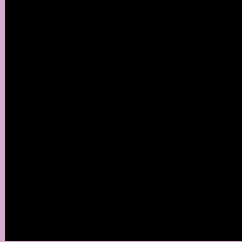
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 22.842, 336.481

Background



This preview shows how black text looks on a background with the CIELCh color 75, 22.842, 336.481.




This preview shows how white text looks on a background with the CIELCh color 75, 22.842, 336.481.

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





Tritanopia
75, 16.846, 354.420

Trichromacy



Original Color
75, 22.842, 336.481

Protanomaly
75, 15.628, 311.544

Deuteranomaly
75, 16.115, 327.294

Tritanomaly
75, 19.012, 346.694

Monochromacy



Original Color
75, 22.842, 336.481

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 8.410, 335.309

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 22.842, 336.481 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(216, 172, 202)` looks like.

```
.text, #text, p{  
    color:rgb(216, 172, 202)  
}
```

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(216, 172, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 172, 202) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 22.842, 336.481 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(216, 172, 202) }
```

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

```
.border{ border-color:rgb(216, 172, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 172, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 172, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 172, 202);  
box-shadow:4px 4px 4px 4px rgb(216, 172,  
202) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 22.842, 336.481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 172, 202) }
```

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

```
.background{ background-color: rgb(216,  
172, 202) }
```

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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