

Converting Colors

CIELCh(69, 50.588, 325.228)

Have a look what the booklet for
CIELCh(69, 50.588, 325.228)
contains.

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Color

CIELCh(69, 50.773, 325.297)

Conversions

Conversions Part 1

Format	Color
Hex	DA8DDD
RGB	218, 141, 221
RGB Percent	85%, 55%, 87%
CMY	0.1437, 0.4458, 0.1320
CMYK	0.01, 0.36, 0.00, 0.13
HSL	298°, 54%, 71%
HSV	298°, 36%, 87%
XYZ	51.6885, 39.3444, 73.5172
YIQ	173.1430, 20.2120, 41.2040

Conversions

Conversions Part 2

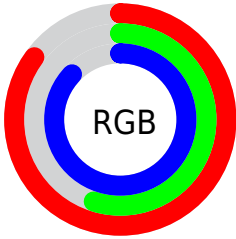
Format	Color
R_{YB}	218, 141, 221
Decimal	14323165
CIE _{Lab}	69.00, 41.74, -28.91
CIE _{LCh}	69, 50.773, 325.297
Yxy	39.3444, 0.3141, 0.2391
Android (android.graphics.Color)	4292513245 (0xFFDA8DDD)
YUV	173.1430, 23.5935, 39.3396
Hunter-Lab	62.7251, 37.3236, -25.5835

Details

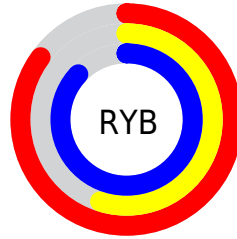
The CIELCh color $69, 50.773, 325.297$ is a light color, and the websafe version is hex FF99FF . A complement of this color would be $82, 50.699, 140.924$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $86, 37.005, 325.710$, and $49, 50.820, 325.290$ is the 20% darker color. If you saturate the color by 10%, you get $64, 64.011, 325.755$, and if you desaturate by 10%, it is $74, 36.890, 324.798$.

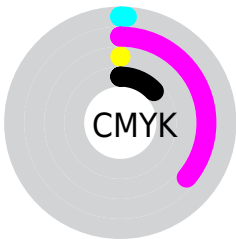
Distribution



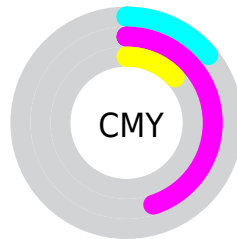
- Red (85%)
- Green (55%)
- Blue (87%)



- Red (85%)
- Yellow (55%)
- Blue (87%)



- Cyan (1%)
- Magenta (36%)
- Yellow (0%)
- Black (13%)





- Cyan (14%)
- Magenta (45%)
- Yellow (13%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 50.773, 325.297 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 69, 50.773, 325.297 by changing the saturation by 10% instead.


 69, 50.773,
325.297


 69, 50.773,
325.297


 100, 50.773,
325.297


 59, 50.773,
325.297

 89, 50.773,
325.297

 49, 50.773,
325.297

 99, 50.773,
325.297

 39, 50.773,
325.297

 29, 50.773,
325.297

 19, 50.773,
325.297

 9, 50.773, 325.297

 0, 50.773, 325.297

69, 50.773,
325.297

69, 50.773,
325.297

64, 64.011,
325.755

74, 36.890,
324.798

60, 76.126,
326.153

79, 22.747,
324.276

57, 86.560,
326.469

85, 8.614, 323.732

54, 94.769,
326.684

90, 5.328, 143.295

52, 100.371,
326.784

96, 18.965,
142.754


51, 103.318,
326.768

97, 20.640,
142.127

51, 104.041,
326.744

97, 20.476,
141.471

97, 20.315,
140.803

 97, 20.157,
140.122

Harmonies

Complementary

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



69, 50.773, 325.297



82, 50.699, 140.924

Rectangle

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



69, 50.773, 325.297



69, 50.773, 15.297



69, 50.773, 145.297



69, 50.773, 195.297

Sweetspot

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



69, 50.771, 325.297



93, 17.336, 324.005



63, 42.552, 292.968



49, 11.657, 324.079



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



69, 50.771, 325.297



75, 67.197, 325.632



68, 37.934, 344.346



43, 7.909, 323.915



40, 86.706, 326.768



7, 34.428, 326.893

Inverse Universe

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



67, 32.729, 19.937



72, 44.630, 21.142



82, 36.703, 157.657



43, 4.640, 16.903



36, 76.636, 38.388



5, 23.785, 18.657

Previews

White Background



This preview shows how the CIELCh color 69, 50.773, 325.297 looks on a white background.

Color Contrast Check

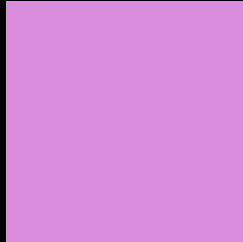
Large Text (above 18pt) WCAG AA × Fail

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 69, 50.773, 325.297 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

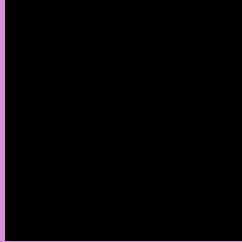
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 50.773, 325.297

Background



This preview shows how black text looks on a background with the CIELCh color 69, 50.773, 325.297.



This preview shows how white text looks on a background with the CIELCh color 69, 50.773, 325.297.

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
69, 23.559, 5.716

Trichromacy



Original Color
69, 50.773, 325.297



Protanomaly
69, 42.242, 300.687



Deuteranomaly
69, 35.214, 306.658

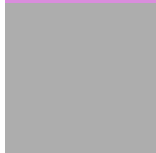


Tritanomaly
69, 31.105, 343.514

Monochromacy



Original Color
69, 50.773, 325.297



Achromatopsia
71, 0.009, 296.813



Achromatomaly
70, 19.452, 323.418

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 50.773, 325.297 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(218, 141, 221)` looks like.

```
.text, #text, p{  
    color:rgb(218, 141, 221)  
}
```

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(218, 141, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 141, 221) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 50.773, 325.297 is called "border". The border property can be set on classes, ids or directly on the HTML element.

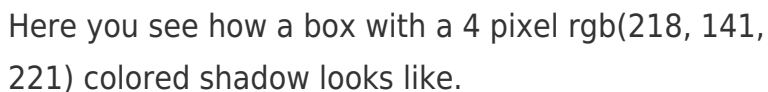
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(218, 141, 221) }
```

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

```
.border{ border-color:rgb(218, 141, 221) }
```

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



Here you see how a box with a 4 pixel `rgb(218, 141, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(218, 141, 221); -webkit-box-shadow:4px 4px 4px 4px rgb(218, 141, 221); box-shadow:4px 4px 4px 4px rgb(218, 141, 221) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 50.773, 325.297 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 141, 221) }
```

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

```
.background{ background-color: rgb(218,  
141, 221) }
```

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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