

Converting Colors

CIELCh(69, 53.584, 325.624)

Have a look what the booklet for
CIELCh(69, 53.584, 325.624)
contains.

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Color

CIELCh(69, 53.753, 325.446)

Conversions

Conversions Part 1

Format	Color
Hex	DD8BE0
RGB	221, 139, 224
RGB Percent	87%, 55%, 88%
CMY	0.1323, 0.4539, 0.1206
CMYK	0.01, 0.38, 0.00, 0.12
HSL	298°, 58%, 71%
HSV	298°, 38%, 88%
XYZ	52.6555, 39.3444, 75.5232
YIQ	173.2080, 21.5870, 43.8190

Conversions

Conversions Part 2

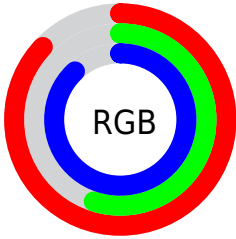
Format	Color
R _Y B	221, 139, 224
Decimal	14519264
CIE Lab	69.00, 44.27, -30.49
CIE LCh	69, 53.753, 325.446
Yxy	39.3444, 0.3143, 0.2349
Android (android.graphics.Color)	4292709344 (0xFFDD8BE0)
YUV	173.2080, 25.0405, 41.9136
Hunter-Lab	62.7251, 40.0754, -27.4797

Details

The CIELCh color $69, 53.753, 325.446$ is a light color, and the websafe version is hex $FF99FF$. A complement of this color would be $82, 53.697, 140.812$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $86, 38.257, 325.753$, and $49, 53.204, 325.445$ is the 20% darker color. If you saturate the color by 10%, you get $64, 66.967, 325.897$, and if you desaturate by 10%, it is $74, 39.802, 324.952$.

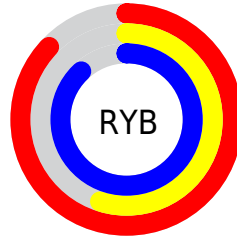
Distribution



Red (87%)

Green (55%)

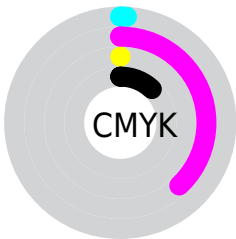
Blue (88%)



Red (87%)

Yellow (55%)

Blue (88%)

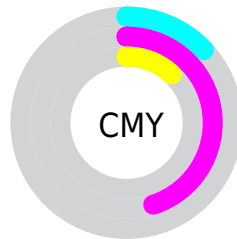


Cyan (1%)

Magenta (38%)

Yellow (0%)

Black (12%)



Cyan (13%)

Magenta (45%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 53.753, 325.446 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, 53.753, 325.446 by changing the saturation by 10% instead.

 69, 53.753,
325.446

 69, 53.753,
325.446

 100, 53.753,
325.446


 59, 53.753,
325.446

 89, 53.753,
325.446

 49, 53.753,
325.446

 99, 53.753,
325.446

 39, 53.753,
325.446

 29, 53.753,
325.446

 19, 53.753,
325.446

 9, 53.753, 325.446

 0, 53.753, 325.446

69, 53.753,
325.446

69, 53.753,
325.446

64, 66.967,
325.897

74, 39.802,
324.952

60, 78.945,
326.284

79, 25.526,
324.431

57, 89.113,
326.585

85, 11.215,
323.891

55, 96.943,
326.783

90, 2.929, 143.486

53, 102.096,
326.867

96, 16.781,
142.899


52, 104.666,
326.840

97, 18.853,
142.250

52, 105.057,
326.829

97, 18.697,
141.562

97, 18.544,
140.861

 97, 18.393,
140.147

Harmonies

Complementary

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



69, 53.753, 325.446



82, 53.697, 140.812

Rectangle

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



69, 53.753, 325.446



69, 53.753, 15.446



69, 53.753, 145.446



69, 53.753, 195.446

Sweetspot

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



69, 53.751, 325.446



93, 17.348, 324.065



62, 45.267, 293.288



49, 11.665, 324.139



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, 53.751, 325.446



74, 70.135, 325.786



68, 40.175, 344.548



44, 8.065, 323.976



41, 87.638, 326.851



7, 35.908, 327.049

Inverse Universe

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



67, 34.897, 20.378



71, 46.993, 21.681



83, 38.827, 157.446



44, 4.728, 17.080



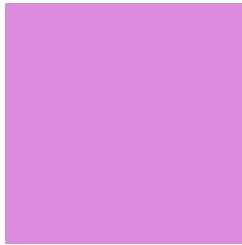
36, 77.586, 38.503



6, 25.458, 19.459

Previews

White Background



This preview shows how the CIELCh color 69, 53.753, 325.446 looks on a white background.

Color Contrast Check

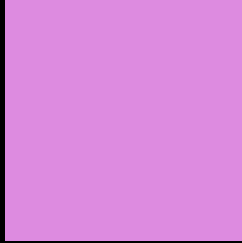
Large Text (above 18pt) WCAG AA × Fail

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 69, 53.753, 325.446 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

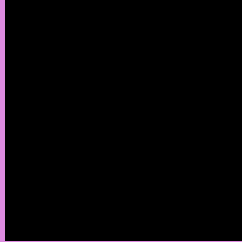
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 53.753, 325.446

Background



This preview shows how black text looks on a background with the CIELCh color 69, 53.753, 325.446.



This preview shows how white text looks on a background with the CIELCh color 69, 53.753, 325.446.

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, 24.740, 6.645

Trichromacy



Original Color
69, 53.753, 325.446



Protanomaly
68, 44.982, 300.462



Deuteranomaly
69, 36.905, 306.649

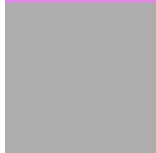


Tritanomaly
69, 33.201, 343.075

Monochromacy



Original Color
69, 53.753, 325.446



Achromatopsia
71, 0.009, 296.813



Achromatomaly
70, 20.290, 324.412

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 53.753, 325.446 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(221, 139, 224)` looks like.

```
.text, #text, p{  
    color:rgb(221, 139, 224)  
}
```

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(221, 139, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 139, 224) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 53.753, 325.446 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(221, 139, 224) }
```

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

```
.border{ border-color:rgb(221, 139, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 139, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 139, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 139, 224);  
box-shadow:4px 4px 4px 4px rgb(221, 139,  
224) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 53.753, 325.446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 139, 224) }
```

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

```
.background{ background-color: rgb(221,  
139, 224) }
```

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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