

Converting Colors

CIELCh(71, 49.107, 325.405)

Have a look what the booklet for
CIELCh(71, 49.107, 325.405)
contains.

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Color

CIELCh(71, 48.913, 325.538)

Conversions

Conversions Part 1

Format	Color
Hex	DF94E1
RGB	223, 148, 225
RGB Percent	87%, 58%, 88%
CMY	0.1264, 0.4204, 0.1185
CMYK	0.01, 0.34, 0.00, 0.12
HSL	298°, 56%, 73%
HSV	298°, 34%, 88%
XYZ	54.4759, 42.1875, 76.3432
YIQ	179.2030, 19.9830, 39.8470

Conversions

Conversions Part 2

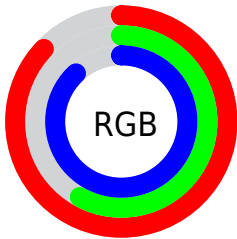
Format	Color
RYB	223, 148, 225
Decimal	14652641
CIELab	71.00, 40.33, -27.68
CIELCh	71, 48.913, 325.538
Yxy	42.1875, 0.3149, 0.2438
Android (android.graphics.Color)	4292842721 (0xFFDF94E1)
YUV	179.2030, 22.5779, 38.4100
Hunter-Lab	64.9519, 36.0442, -24.2220

Details

The CIELCh color $71, 48.913, 325.538$ is a light color, and the websafe version is hex FF99FF . A complement of this color would be $83, 48.869, 141.355$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $88, 32.611, 325.559$, and $51, 48.486, 325.887$ is the 20% darker color. If you saturate the color by 10%, you get $66, 62.481, 326.013$, and if you desaturate by 10%, it is $76, 34.753, 325.026$.

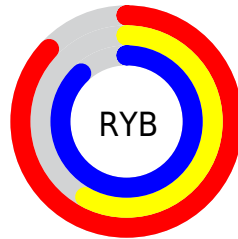
Distribution



Red (87%)

Green (58%)

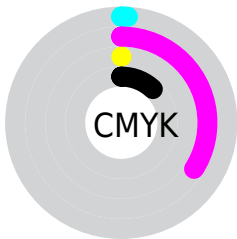
Blue (88%)



Red (87%)

Yellow (58%)

Blue (88%)

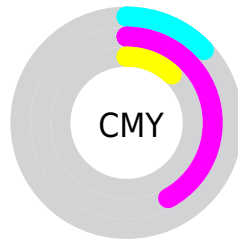


Cyan (1%)

Magenta (34%)

Yellow (0%)

Black (12%)



Cyan (13%)

Magenta (42%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 48.913, 325.538 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 71, 48.913, 325.538 by changing the saturation by 10% instead.


 71, 48.913,
325.538


 71, 48.913,
325.538


 100, 48.913,
325.538


 61, 48.913,
325.538


 91, 48.913,
325.538

 51, 48.913,
325.538

 41, 48.913,
325.538

 31, 48.913,
325.538

 21, 48.913,
325.538

 11, 48.913,
325.538

 1, 48.913, 325.538

■ 0, 48.913, 325.538

■ 71, 48.913,
325.538

■ 71, 48.913,
325.538

■ 66, 62.481,
326.013

■ 76, 34.753,
325.026

■ 62, 74.988,
326.434

■ 81, 20.376,
324.493

■ 59, 85.874,
326.778

■ 87, 6.042, 323.929

■ 56, 94.585,
327.029

■ 93, 8.075, 143.483

■ 54, 100.702,
327.174

■ 97, 18.695,
142.954

■ 53, 104.112,
327.209

■ 97, 18.578,
142.447

■ 97, 18.461,

■ 52, 105.183,
327.194

141.933

■ 97, 18.347,
141.412

■ 97, 18.233,
140.883

Harmonies

Complementary

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



71, 48.913, 325.538



83, 48.869, 141.355

Rectangle

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



71, 48.913, 325.538



71, 48.913, 15.538



71, 48.913, 145.538



71, 48.913, 195.538

Sweetspot

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



71, 48.910, 325.538



94, 15.806, 324.265



65, 41.424, 293.308



49, 10.792, 324.342



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



71, 48.910, 325.538



76, 64.406, 325.878



70, 36.039, 345.054



44, 8.088, 324.230



41, 87.593, 327.211



7, 35.916, 327.359

Inverse Universe

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



69, 31.263, 20.520



73, 42.410, 21.628



84, 34.805, 158.684



44, 4.727, 17.827



36, 77.975, 38.882



6, 25.478, 19.847

Previews

White Background



This preview shows how the CIELCh color 71, 48.913, 325.538 looks on a white background.

Color Contrast Check

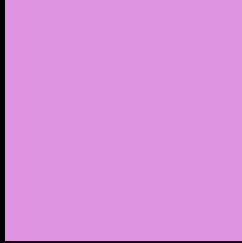
Large Text (above 18pt) WCAG AA × Fail

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 71, 48.913, 325.538 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

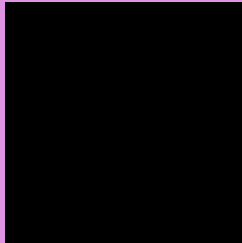
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 48.913, 325.538

Background



This preview shows how black text looks on a background with the CIELCh color 71, 48.913, 325.538.



This preview shows how white text looks on a background with the CIELCh color 71, 48.913, 325.538.

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
71, 23.020, 5.299

Trichromacy



Original Color
71, 48.913, 325.538



Protanomaly
71, 40.369, 300.782



Deuteranomaly
71, 33.426, 307.213

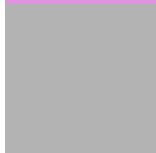


Tritanomaly
71, 30.377, 342.446

Monochromacy



Original Color
71, 48.913, 325.538



Achromatopsia
73, 0.009, 296.813



Achromatomaly
72, 18.223, 324.218

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 48.913, 325.538 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(223, 148, 225)` looks like.

```
.text, #text, p{  
    color:rgb(223, 148, 225)  
}
```

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(223, 148, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 148, 225) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 48.913, 325.538 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(223, 148, 225) }
```

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

```
.border{ border-color:rgb(223, 148, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 148, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(223, 148, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(223, 148, 225); box-shadow:4px 4px 4px 4px rgb(223, 148, 225) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 48.913, 325.538 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 148, 225) }
```

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

```
.background{ background-color: rgb(223,  
148, 225) }
```

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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