

Converting Colors

CIELCh(73, 49.896, 326.968)

Have a look what the booklet for
CIELCh(73, 49.896, 326.968)
contains.

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Color

CIELCh(73, 50.001, 327.010)

Conversions

Conversions Part 1

Format	Color
Hex	E898E6
RGB	232, 152, 230
RGB Percent	91%, 60%, 90%
CMY	0.0914, 0.4050, 0.0992
CMYK	0.00, 0.35, 0.01, 0.09
HSL	301°, 63%, 75%
HSV	301°, 35%, 91%
XYZ	58.6017, 45.1644, 80.2700
YIQ	184.8120, 22.6420, 41.2180

Conversions

Conversions Part 2

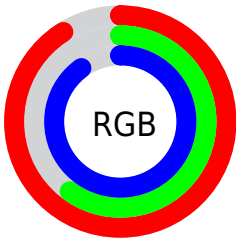
Format	Color
R _Y B	232, 152, 230
Decimal	15243494
CIE Lab	73.00, 41.94, -27.23
CIE LCh	73, 50.001, 327.010
Yxy	45.1644, 0.3184, 0.2454
Android (android.graphics.Color)	4293433574 (0xFFE898E6)
YUV	184.8120, 22.2777, 41.3839
Hunter-Lab	67.2044, 38.0427, -23.7737

Details

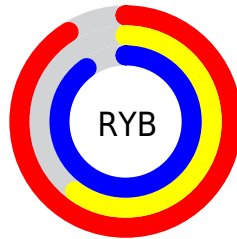
The CIELCh color **73, 50.001, 327.010** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **85, 50.040, 142.571**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **88, 30.096, 325.472**, and **53, 49.988, 327.087** is the 20% darker color. If you saturate the color by 10%, you get **68, 63.676, 327.523**, and if you desaturate by 10%, it is **78, 35.673, 326.467**.

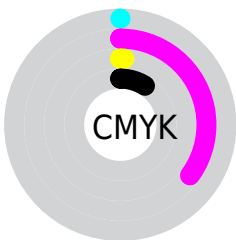
Distribution



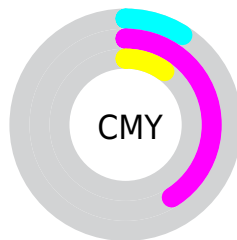
- Red (91%)
- Green (60%)
- Blue (90%)



- Red (91%)
- Yellow (60%)
- Blue (90%)



- Cyan (0%)
- Magenta (35%)
- Yellow (1%)
- Black (9%)





- Cyan (9%)
- Magenta (41%)
- Yellow (10%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 50.001, 327.010 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 73, 50.001, 327.010 by changing the saturation by 10% instead.


 73, 50.001,
327.010


 73, 50.001,
327.010


 100, 50.001,
327.010


 63, 50.001,
327.010


 93, 50.001,
327.010

 53, 50.001,
327.010

 43, 50.001,
327.010

 33, 50.001,
327.010

 23, 50.001,
327.010

 13, 50.001,
327.010

 3, 50.001, 327.010

73, 50.001,
327.010

73, 50.001,
327.010

68, 63.676,
327.523

78, 35.673,
326.467

64, 76.206,
327.991

84, 21.090,
325.906

61, 87.018,
328.400

89, 6.528, 325.318

58, 95.553,
328.737

95, 7.824, 144.851

56, 101.411,
328.996

98, 14.157,
144.957

55, 104.515,
329.183

98, 13.917,
145.654

98, 13.678,

■ 55, 105.377,
329.263

146.376

■ 98, 13.441,
147.123

■ 98, 13.207,
147.895

Harmonies

Complementary

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



73, 50.001, 327.010



85, 50.040, 142.571

Rectangle

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



73, 50.001, 327.010



73, 50.001, 17.010



73, 50.001, 147.010



73, 50.001, 197.010

Sweetspot

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



73, 49.998, 327.010



94, 15.667, 325.651



66, 44.410, 295.146



49, 10.697, 325.732



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



73, 49.998, 327.010



76, 63.713, 327.358



72, 36.148, 347.957



45, 8.167, 325.616



42, 86.722, 329.246



8, 36.501, 329.086

Inverse Universe

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



73, 49.998, 327.010



76, 63.713, 327.358



86, 34.525, 161.210



45, 8.167, 325.616



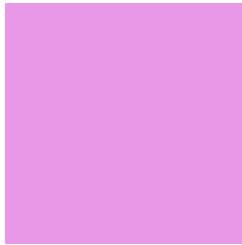
42, 86.722, 329.246



8, 36.501, 329.086

Previews

White Background



This preview shows how the CIELCh color 73, 50.001, 327.010 looks on a white background.

Color Contrast Check

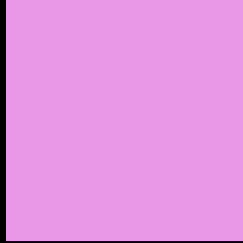
Large Text (above 18pt) WCAG AA × Fail

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 73, 50.001, 327.010 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 73, 50.001, 327.010

Background



This preview shows how black text looks on a background with the CIELCh color 73, 50.001, 327.010.



This preview shows how white text looks on a background with the CIELCh color 73, 50.001, 327.010.

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
73, 50.001, 327.010

Protanopia
73, 39.269, 285.433

Deuteranopia
73, 26.622, 290.561



Tritanopia
73, 24.816, 6.745

Trichromacy



Original Color
73, 50.001, 327.010



Protanomaly
73, 40.773, 301.559



Deuteranomaly
73, 34.056, 308.666

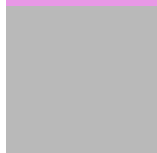


Tritanomaly
73, 31.692, 344.803

Monochromacy



Original Color
73, 50.001, 327.010



Achromatopsia
75, 0.009, 296.813



Achromatomaly
74, 18.534, 326.156

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 50.001, 327.010 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(232, 152, 230)` looks like.

```
.text, #text, p{  
    color:rgb(232, 152, 230)  
}
```

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(232, 152, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 152, 230) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 50.001, 327.010 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(232, 152, 230) }
```

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

```
.border{ border-color:rgb(232, 152, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 152, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 152, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 152, 230);  
box-shadow:4px 4px 4px 4px rgb(232, 152,  
230) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 50.001, 327.010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 152, 230) }
```

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

```
.background{ background-color: rgb(232,  
152, 230) }
```

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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