

Converting Colors

CIELCh(73, 48.919, 326.284)

Have a look what the booklet for
CIELCh(73, 48.919, 326.284)
contains.

CIELCh(73, 49.055, 326.253)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(73, 49.055, 326.253)

Conversions

Conversions Part 1

Format	Color
Hex	E699E6
RGB	230, 153, 230
RGB Percent	90%, 60%, 90%
CMY	0.0992, 0.4011, 0.0992
CMYK	0.00, 0.34, 0.00, 0.10
HSL	300°, 60%, 75%
HSV	300°, 34%, 90%
XYZ	58.1279, 45.1644, 80.3049
YIQ	184.8010, 21.1750, 40.2710

Conversions

Conversions Part 2

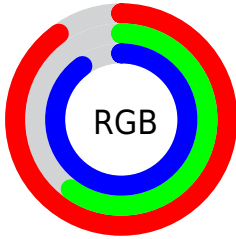
Format	Color
R_{YB}	230, 153, 230
Decimal	15112678
CIE _{Lab}	73.00, 40.79, -27.25
CIE _{LCh}	73, 49.055, 326.253
Yxy	45.1644, 0.3166, 0.2460
Android (android.graphics.Color)	4293302758 (0xFFE699E6)
YUV	184.8010, 22.2831, 39.6395
Hunter-Lab	67.2044, 36.7843, -23.8045

Details

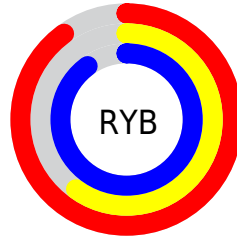
The CIELCh color $73, 49.055, 326.253$ is a light color, and the websafe version is hex FF99FF . A complement of this color would be $85, 49.087, 142.013$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $89, 29.467, 325.450$, and $53, 49.072, 326.271$ is the 20% darker color. If you saturate the color by 10%, you get $68, 62.945, 326.751$, and if you desaturate by 10%, it is $78, 34.549, 325.721$.

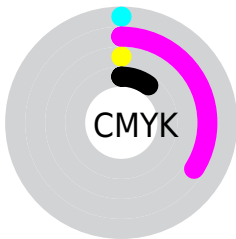
Distribution



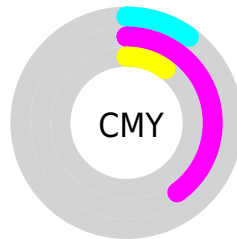
- Red (90%)
- Green (60%)
- Blue (90%)



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



- Cyan (0%)
- Magenta (34%)
- Yellow (0%)
- Black (10%)





- Cyan (10%)
- Magenta (40%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 49.055, 326.253 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, 49.055, 326.253 by changing the saturation by 10% instead.


 73, 49.055,
326.253

 73, 49.055,
326.253


 100, 49.055,
326.253


 63, 49.055,
326.253


 93, 49.055,
326.253

 53, 49.055,
326.253

 43, 49.055,
326.253

 33, 49.055,
326.253

 23, 49.055,
326.253

 13, 49.055,
326.253

 3, 49.055, 326.253

■ 0, 49.055, 326.253

■ 73, 49.055,
326.253

■ 73, 49.055,
326.253

■ 68, 62.945,
326.751

■ 78, 34.549,
325.721

■ 64, 75.739,
327.198

■ 84, 19.815,
325.169

■ 61, 86.870,
327.577

■ 89, 5.123, 324.577

■ 58, 95.783,
327.873

■ 95, 9.344, 144.121


■ 56, 102.064,
328.078

■ 98, 15.778,
143.866


■ 55, 105.607,
328.192


■ 98, 15.777,
143.865

■ 98, 15.777,

 55, 106.792,
328.230

143.863

 98, 15.777,
143.862

 98, 15.776,
143.860

Harmonies

Complementary

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



73, 49.055, 326.253



85, 49.087, 142.013

Rectangle

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



73, 49.055, 326.253



73, 49.055, 16.253



73, 49.055, 146.253



73, 49.055, 196.253

Sweetspot

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



73, 49.052, 326.253



94, 15.934, 324.974



66, 41.954, 293.836



49, 10.879, 325.054



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, 49.052, 326.253



77, 63.285, 326.592



72, 35.534, 345.908



45, 8.306, 324.939



42, 88.428, 328.230



9, 37.108, 328.230

Inverse Universe

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



71, 31.209, 22.376



74, 41.504, 23.372



85, 34.225, 159.597



45, 4.817, 19.930



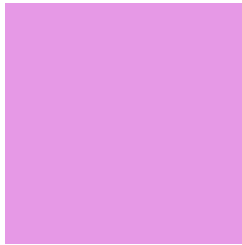
37, 79.981, 39.969



6, 27.105, 21.755

Previews

White Background



This preview shows how the CIELCh color 73, 49.055, 326.253 looks on a white background.

Color Contrast Check

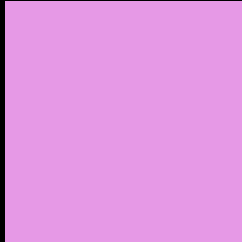
Large Text (above 18pt) WCAG AA × Fail

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, 49.055, 326.253 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

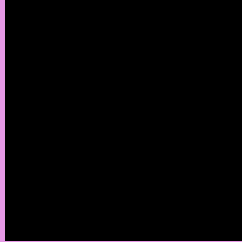
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 49.055, 326.253

Background



This preview shows how black text looks on a background with the CIELCh color 73, 49.055, 326.253.



This preview shows how white text looks on a background with the CIELCh color 73, 49.055, 326.253.

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, 49.055, 326.253

Protanopia
73, 38.739, 285.247

Deuteranopia
73, 26.622, 290.561



Tritanopia
73, 24.154, 4.918

Trichromacy



Original Color
73, 49.055, 326.253



Protanomaly
73, 40.201, 301.178



Deuteranomaly
73, 33.421, 308.326



Tritanomaly
73, 31.418, 343.060

Monochromacy



Original Color
73, 49.055, 326.253



Achromatopsia
75, 0.009, 296.813



Achromatomaly
74, 18.332, 325.188

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 49.055, 326.253 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(230, 153, 230)` looks like.

```
.text, #text, p{  
    color:rgb(230, 153, 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(230, 153, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 153, 230) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 49.055, 326.253 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(230, 153, 230) }
```

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

```
.border{ border-color:rgb(230, 153, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 153, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 153, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 153, 230);  
box-shadow:4px 4px 4px 4px rgb(230, 153,  
230) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 49.055, 326.253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 153, 230) }
```

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

```
.background{ background-color: rgb(230,  
153, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor